

**ROCKY MOUNTAIN ARSENAL  
NORTHWEST BOUNDARY FLOW RATES:  
OCTOBER 1985 — JUNE 1986**

**JULY 1986**



**d.p. associates, inc.**

**Rocky Mountain Arsenal Information Center**

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ROCKY MOUNTAIN ARSENAL  
NORTHWEST BOUNDARY FLOW RATES:  
OCTOBER 1985 - JUNE 1986

July 1986

Rocky Mountain Arsenal  
Information Center  
Commerce City, Colorado

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## SECTION 1

**ROCKY MOUNTAIN ARSENAL  
NORTHWEST BOUNDARY FLOW RATES:  
OCTOBER 1985 - JUNE 1986**

**INTRODUCTION**

This report is divided into two major sections. The first section consists of statistical summaries of water flow data for the Northwest Boundary system as a whole and for each adsorber, dewatering and recharge well in the system. Corresponding flow rate reports accompany the statistical summaries. The second section is a listing of the meter readings recorded by RMA technicians.

All data included in this report resulted from meter readings taken by RMA personnel between October 1985 and June 1986. Estimates were made when meter failures occurred. The estimates were either provided by RMA or made by RIC personnel and approved by the Program Manager's staff office at Rocky Mountain Arsenal.

Individuals requiring information on water levels for the Northwest Boundary System should reference the document titled "Water Elevation Report for the Northwest Boundary System: April 1985 Through May 1986." This document is available at the RIC Center (RIC #86157R03).

Section 1  
Statistical Summaries  
and  
Flow Rate Plots

Meter readings are usually taken weekly by RMA technicians. They are not, however, taken on the first and last day of each month. It was therefore necessary to "straddle" the meter readings for each month being examined. For example, the meter for dewatering well 1 was only read once during December of 1985. In order to estimate the flow for December, the last meter reading taken during November of 1985 (November 29) was used as the starting point for the readings and the first meter reading taken during January 1986 (January 21) was used as the ending point. The total gallons pumped and the elapsed time between these two meter readings were determined. The average gallons per minute flow rate was then computed. The flow rate was multiplied by the total number of minutes in December to obtain an estimate of the total gallons processed during that month.

The first plot in this report provides information on the flow rate for the entire Northwest Boundary system. The average gallons per minute rate for the combined adsorber, dewatering and recharge well flows are plotted for monthly comparisons. The second plot is of cumulative gallons processed by the adsorbers, dewatering, and recharge wells. The third plot is of monthly adsorber flow rates. Monthly flow rate plots for all dewatering and recharge wells follow.

The abbreviations used in the statistical tables and flow rate plots are listed below.

**AD-RW DIFFERENTIAL** corresponds to the difference between the adsorbers monthly total and the recharge wells monthly total.

**AD-DW DIFFERENTIAL** corresponds to the difference between the adsorbers monthly total and the dewatering wells monthly total.

**DW-RW DIFFERENTIAL** corresponds to the difference between the dewatering wells monthly total and the recharge wells monthly total.

**SYSTEM** refers to the individual areas (adsorbers dewatering wells and recharge wells) within the main system.

**TIME SPAN** is in Month, Day then Year format. It corresponds to the start and stop dates of the meter readings used to determine the flow rate for a particular month.

**TOTAL GALLONS** is the number of gallons processed during the corresponding time span.

**TOTAL MINUTES** is the number of minutes that elapsed between meter readings for the corresponding time span. Actual pumping times are not recorded by RMA technicians.

**AVE GAL PER MIN** stands for average gallons per minute and is determined by dividing the **TOTAL GALLONS** by the **TOTAL MINUTES**.

**DATE** is the month and year for which the total gallons of flow is being estimated.

**MINUTES PER MON** corresponds to the total number of minutes within a particular month.

**EST GAL PER MON** (estimated gallons per month) is determined by multiplying the **TOTAL MINUTES** for each month by the appropriate **AVE GAL PER MIN** rate.

**CUM GALLONS PROCESSED** (cumulative gallons processed) is the current estimated gallons per month added to the previous total for cumulative gallons.



## SYSTEM FLOW RATE STATISTICS AND PLOTS

NORTHWEST BOUNDARY  
SYSTEM

REPORT DATE: JULY 1986

SYSTEM	TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON	CUM GALLONS PROCESSED
AD	10/01/85 - 11/01/85	26,877,000	44,700	601.28	OCT 85	44,640	26,840,920	26,840,920
DW	09/24/85 - 11/05/85	34,584,620	60,397	572.62	OCT 85	44,640	25,561,880	25,561,880
RW	09/24/85 - 11/05/85	34,893,900	60,658	575.25	OCT 85	44,640	25,679,260	25,679,260
AD	10/31/85 - 12/01/85	30,445,000	44,600	682.62	NOV 85	43,200	29,489,330	56,330,250
DW	10/29/85 - 12/12/85	34,496,750	63,575	542.61	NOV 85	43,200	23,440,870	49,002,750
RW	10/29/85 - 12/13/85	35,572,140	64,873	548.34	NOV 85	43,200	23,688,230	49,367,490
AD	11/30/85 - 01/02/86	18,330,000	47,490	385.98	DEC 85	44,640	17,229,970	73,560,220
DW	11/26/85 - 01/21/86	21,314,900	80,629	264.36	DEC 85	44,640	11,800,930	60,803,680
RW	11/26/85 - 01/21/86	21,621,090	80,654	268.07	DEC 85	44,640	11,966,780	61,334,270
AD	12/31/85 - 02/01/86	20,968,000	46,180	454.05	JAN 86	44,640	20,268,760	93,828,980
DW	12/12/85 - 02/06/86	24,169,240	78,008	309.83	JAN 86	44,640	13,830,750	74,634,430
RW	12/13/85 - 02/06/86	23,457,090	79,119	296.48	JAN 86	44,640	13,234,850	93,828,980
AD	01/31/86 - 03/01/86	32,866,000	41,820	785.89	FEB 86	40,320	31,687,160	125,516,100
DW	01/28/86 - 03/11/86	22,582,210	58,225	387.85	FEB 86	40,320	15,637,960	90,272,380
RW	01/21/86 - 03/11/86	28,190,510	70,656	398.98	FEB 86	40,320	16,087,040	90,656,170
AD	02/28/86 - 04/01/86	25,558,000	46,110	554.28	MAR 86	44,640	24,743,210	150,259,400
DW	02/27/86 - 04/01/86	17,101,260	47,677	358.69	MAR 86	44,640	16,011,830	106,284,200
RW	02/27/86 - 04/01/86	18,164,860	47,735	380.53	MAR 86	44,640	16,987,020	107,643,200
AD	03/31/86 - 05/01/86	23,256,000	44,610	521.32	APR 86	43,200	22,520,940	172,780,300
DW	03/25/86 - 05/06/86	25,570,130	60,315	423.94	APR 86	43,200	18,314,200	124,598,400
RW	03/25/86 - 05/06/86	27,437,550	60,398	454.28	APR 86	43,200	19,624,900	127,268,100
AD	04/30/86 - 06/01/86	19,672,000	45,990	427.75	MAY 86	44,640	19,094,540	191,874,800
DW	04/29/86 - 06/03/86	18,359,370	50,499	363.56	MAY 86	44,640	16,229,430	140,827,800
RW	04/29/86 - 06/03/86	19,794,480	50,431	392.51	MAY 86	44,640	17,521,430	144,789,500
AD	05/31/86 - 06/30/86	34,890,000	43,200	807.64	JUN 86	43,200	34,890,000	226,764,800
DW	05/27/86 - 07/01/86	29,177,110	50,353	579.45	JUN 86	43,200	25,032,360	165,860,200
RW	05/27/86 - 07/01/86	33,455,950	50,387	663.97	JUN 86	43,200	28,683,660	173,473,200

NORTHWEST BOUNDARY  
SYSTEM DIFFERENTIALS

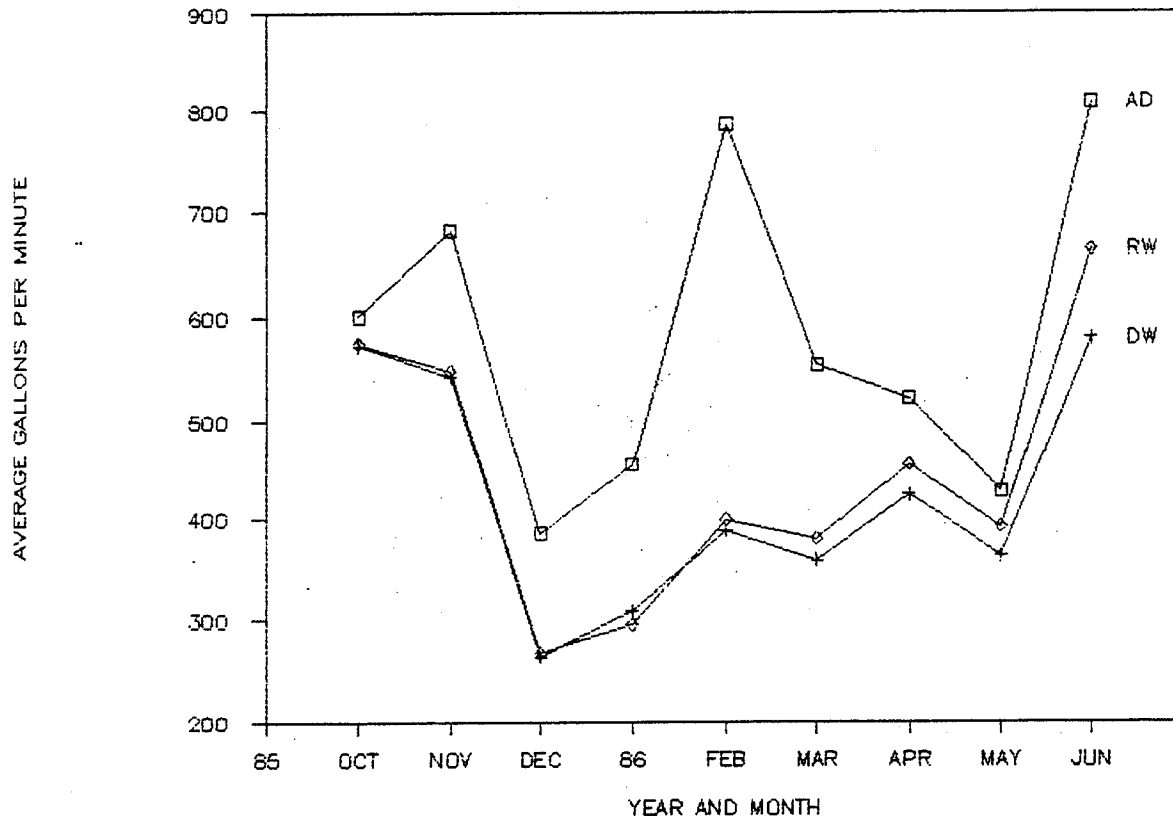
REPORT DATE: JULY 1986

DATE	RW-AD DIFFERENTIAL	RW-AD ----- X 100 AD	DW-AD DIFFERENTIAL	DW-AD ----- X 100 AD	RW-DW DIFFERENTIAL	RW-DW ----- X 100 DW
OCT 85	(1,161,660)	-4.33	(1,279,040)	-4.77	117,380	0.46
NOV 85	(5,801,100)	-19.67	(6,048,460)	-20.51	247,360	1.06
DEC 85	(5,263,190)	-30.55	(5,429,040)	-31.51	165,850	1.41
JAN 86	(7,033,910)	-34.70	(6,438,010)	-31.76	(595,900)	-4.31
FEB 86	(15,600,120)	-49.23	(16,049,200)	-50.65	449,080	2.87
MAR 86	(7,756,190)	-31.35	(8,731,380)	-35.29	975,190	6.09
APR 86	(2,896,040)	-12.86	(4,206,740)	-18.68	1,310,700	7.16
MAY 86	(1,573,110)	-8.24	(2,865,110)	-15.00	1,292,000	7.96
JUN 86	(6,206,340)	-17.79	(9,857,640)	-28.25	3,651,300	14.59

NOTE: The above values were calculated from Estimated Gallons Per Month. Values in parentheses indicate negative numbers. The percent difference  $((RW-AD)/AD) \times 100$  is determined by subtracting the Adsorber Estimated Gallons Per Month from the Recharge Estimated Gallons Per Month and dividing this difference by the Adsorber Estimated Gallons Per Month. The result is then multiplied by 100 to determine the percentage.

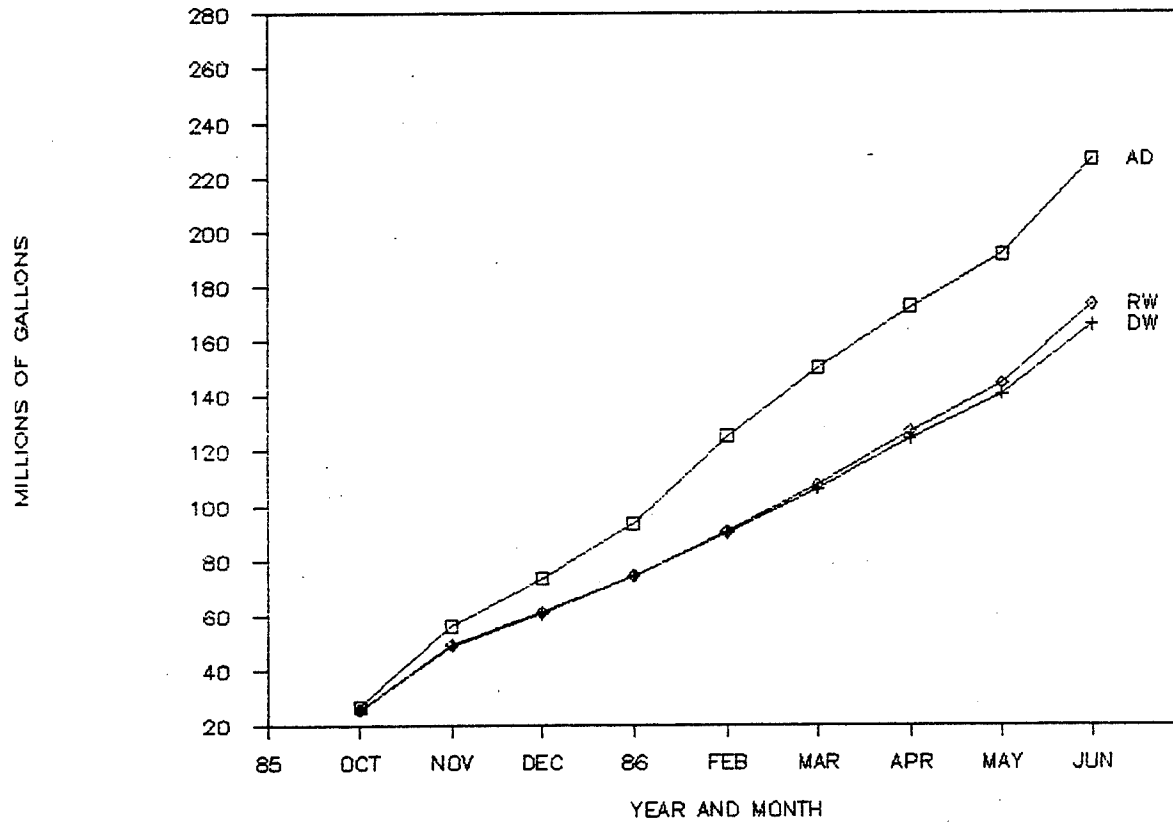
# FLOW RATE PLOT

NORTHWEST BOUNDARY



# CUMULATIVE GALLONS PROCESSED

NORTHWEST BOUNDARY



# ADSORBER FLOW RATE STATISTICS AND PLOT

NORTHWEST BOUNDARY  
ADSORBERS

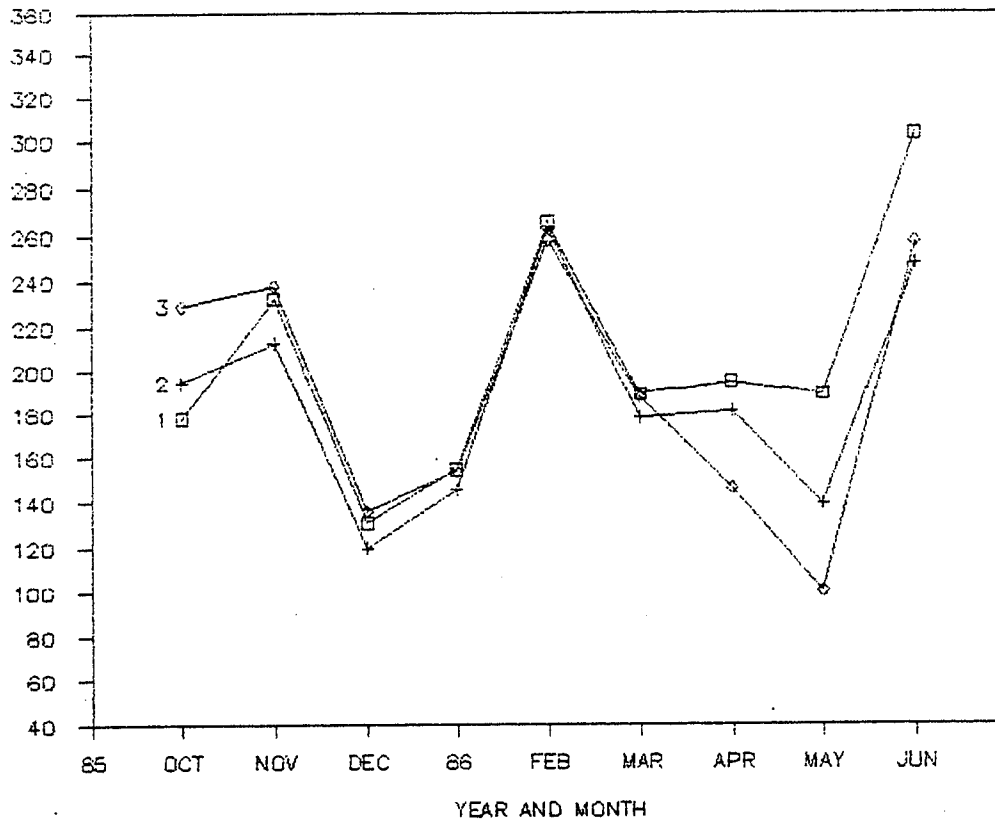
REPORT DATE: JULY 1986

ADS	TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
1	10/01/85 - 11/01/85	7,945,000	44,700	177.74	OCT 85	44,640	7,934,336
2	10/01/85 - 11/01/85	8,701,000	44,700	194.65	OCT 85	44,640	8,689,321
3	10/01/85 - 11/01/85	10,231,000	44,700	228.88	OCT 85	44,640	10,217,270
1	10/31/85 - 12/01/85	10,353,000	44,600	232.13	NOV 85	43,200	10,028,020
2	10/31/85 - 12/01/85	9,484,000	44,600	212.65	NOV 85	43,200	9,186,296
3	10/31/85 - 12/01/85	10,608,000	44,600	237.85	NOV 85	43,200	10,275,010
1	11/30/85 - 01/02/86	6,206,000	47,490	130.68	DEC 85	44,640	5,833,562
2	11/30/85 - 01/02/86	5,677,000	47,490	119.54	DEC 85	44,640	5,336,308
3	11/30/85 - 01/02/86	6,447,000	47,490	135.75	DEC 85	44,640	6,060,099
1	12/31/85 - 02/01/86	7,139,000	46,180	154.59	JAN 86	44,640	6,900,930
2	12/31/85 - 02/01/86	6,722,000	46,180	145.56	JAN 86	44,640	6,497,837
3	12/31/85 - 02/01/86	7,107,000	46,180	153.90	JAN 86	44,640	6,869,998
1	01/31/86 - 03/01/86	11,076,000	41,820	264.85	FEB 86	40,320	10,678,730
2	01/31/86 - 03/01/86	11,010,000	41,820	263.27	FEB 86	40,320	10,615,090
3	01/31/86 - 03/01/86	10,780,000	41,820	257.77	FEB 86	40,320	10,393,340
1	02/28/86 - 04/01/86	8,718,000	46,110	189.07	MAR 86	44,640	8,440,067
2	02/28/86 - 04/01/86	8,202,000	46,110	177.88	MAR 86	44,640	7,940,518
3	02/28/86 - 04/01/86	8,638,000	46,110	187.33	MAR 86	44,640	8,362,619
1	03/31/86 - 05/01/86	8,692,000	44,610	194.84	APR 86	43,200	8,417,270
2	03/31/86 - 05/01/86	8,062,000	44,610	180.72	APR 86	43,200	7,807,183
3	03/31/86 - 05/01/86	6,502,000	44,610	145.75	APR 86	43,200	6,296,490
1	04/30/86 - 06/01/86	8,684,000	45,990	188.82	MAY 86	44,640	8,429,088
2	04/30/86 - 06/01/86	6,389,000	45,990	138.92	MAY 86	44,640	6,201,456
3	04/30/86 - 06/01/86	4,599,000	45,990	100.00	MAY 86	44,640	4,464,000
1	05/31/86 - 06/30/86	13,098,000	43,200	303.19	JUN 86	43,200	13,098,000
2	05/31/86 - 06/30/86	10,701,000	43,200	247.71	JUN 86	43,200	10,701,000
3	05/31/86 - 06/30/86	11,091,000	43,200	256.74	JUN 86	43,200	11,091,000
TOTALS:							
1	10/01/85 - 06/30/86	79,378,000	391,740	202.63			
2	10/01/85 - 06/30/86	72,977,000	391,740	186.29			
3	10/01/85 - 06/30/86	73,545,000	391,740	187.74			
COMBINED TOTALS:		225,900,000		576.66			

# FLOW RATE PLOT

NORTHWEST BOUNDARY ADSORBERS

AVERAGE GALLONS PER MINUTE



DEWATERING WELL FLOW RATE STATISTICS AND PLOTS

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NORTHWEST BOUNDARY  
DEWATERING WELL # 1

REPORT DATE: JULY 1986

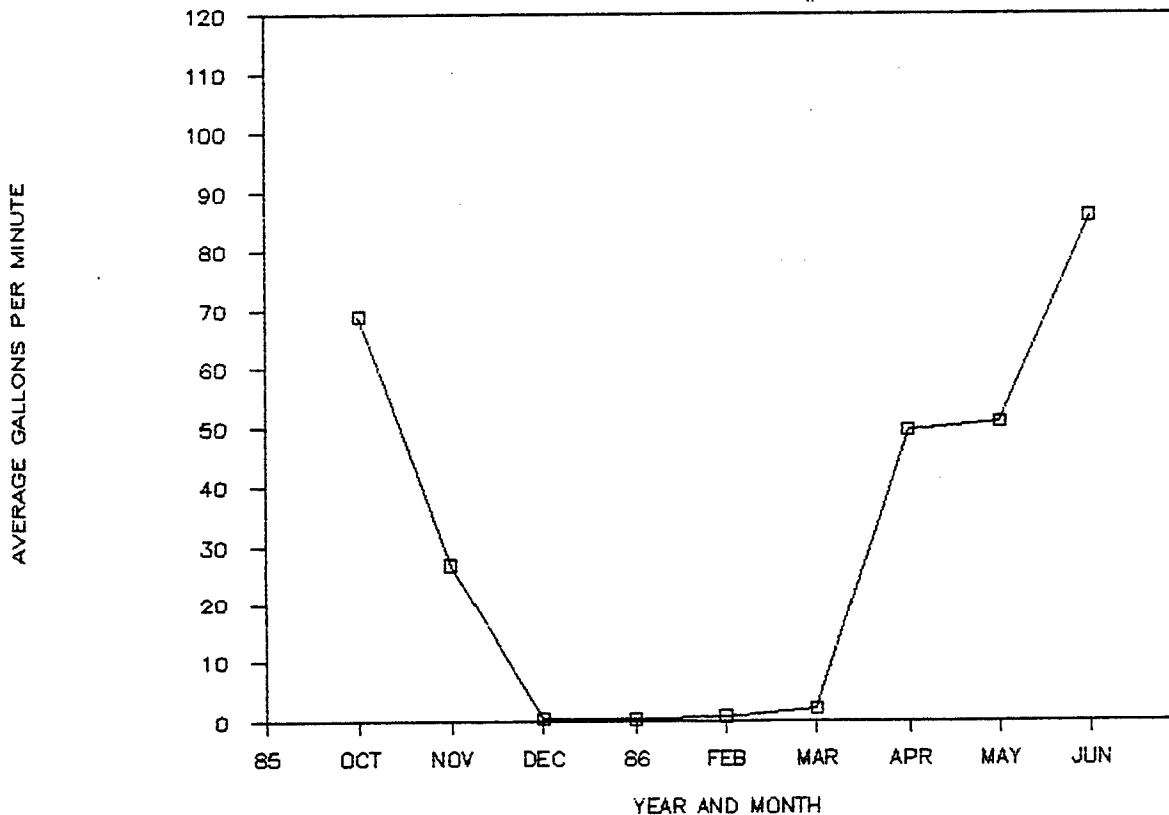
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	4,161,540	60,405	68.89	OCT 85	44,640	3,075,427
10/29/85 - 12/12/85	1,707,440	63,589	26.85	NOV 85	43,200	1,159,971
11/26/85 - 01/21/86	38,120	80,640	0.47	DEC 85	44,640	21,102
12/12/85 - 02/06/86	30,650	80,391	0.38	JAN 86	44,640	17,020
01/28/86 - 03/11/86	44,390	60,525	0.73	FEB 86	40,320	29,571
02/27/86 - 04/01/86	100,630	47,665	2.11	MAR 86	44,640	94,244
03/25/86 - 05/06/86	2,982,160	60,300	49.46	APR 86	43,200	2,136,473
04/29/86 - 06/03/86	2,568,580	50,490	50.87	MAY 86	44,640	2,270,973
05/27/86 - 07/01/86	4,327,940	50,341	85.97	JUN 86	43,200	3,714,011

TOTALS:

09/24/85 - 07/01/86    13,565,180    403,211    33.64

FLOW RATE PLOT

DEWATERING WELL # 1



NORTHWEST BOUNDARY  
DEWATERING WELL # 2

REPORT DATE: JULY 1986

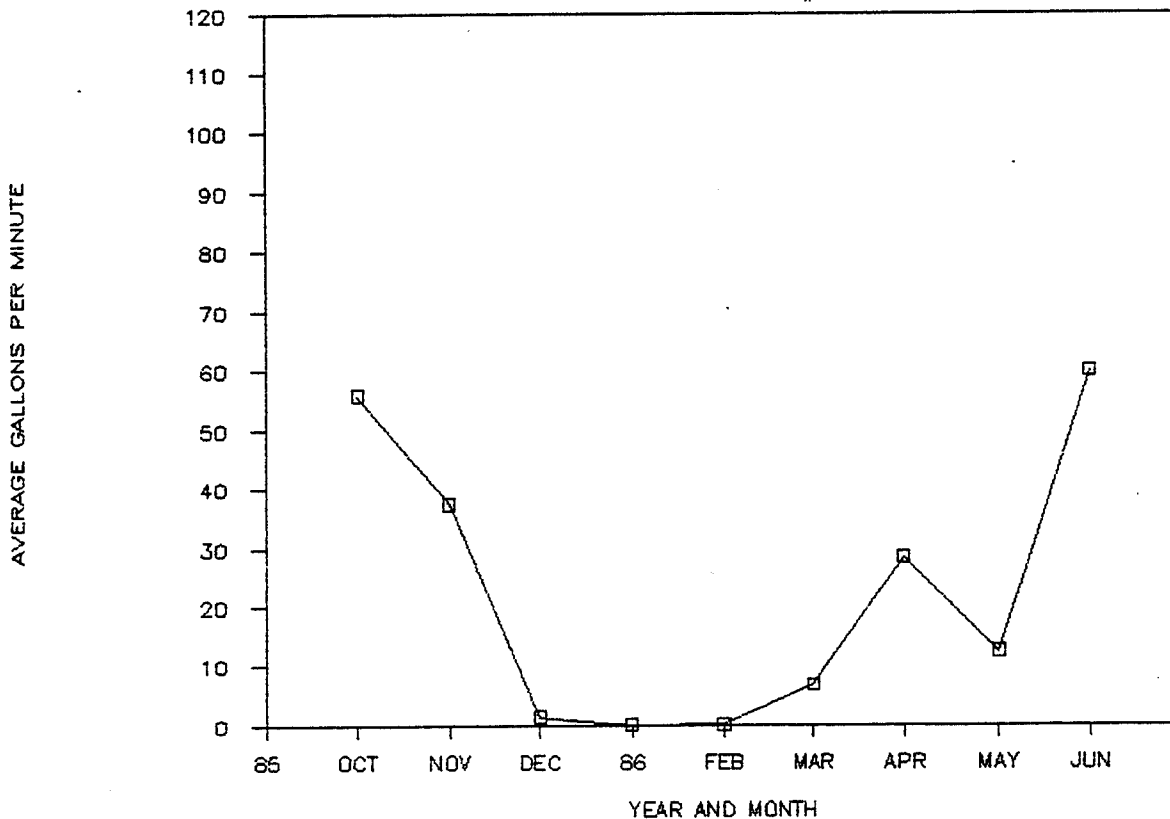
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	3,373,830	60,405	55.85	OCT 85	44,640	2,493,300
10/29/85 - 12/12/85	2,383,710	63,586	37.49	NOV 85	43,200	1,619,480
11/26/85 - 01/21/86	117,970	80,639	1.46	DEC 85	44,640	65,306
12/12/85 - 02/06/86	8,840	80,394	0.11	JAN 86	44,640	4,909
01/28/86 - 03/11/86	13,510	60,524	0.22	FEB 86	40,320	9,000
02/27/86 - 04/01/86	331,840	47,666	6.96	MAR 86	44,640	310,774
03/25/86 - 05/06/86	1,709,500	60,302	28.35	APR 86	43,200	1,224,676
04/29/86 - 06/03/86	633,500	50,490	12.55	MAY 86	44,640	560,100
05/27/86 - 07/01/86	3,013,620	50,344	59.86	JUN 86	43,200	2,585,976

TOTALS:

09/24/85 - 07/01/86    10,219,010    403,211    25.34

FLOW RATE PLOT

DEWATERING WELL # 2



NORTHWEST BOUNDARY  
DEWATERING WELL # 3

REPORT DATE: JULY 1986

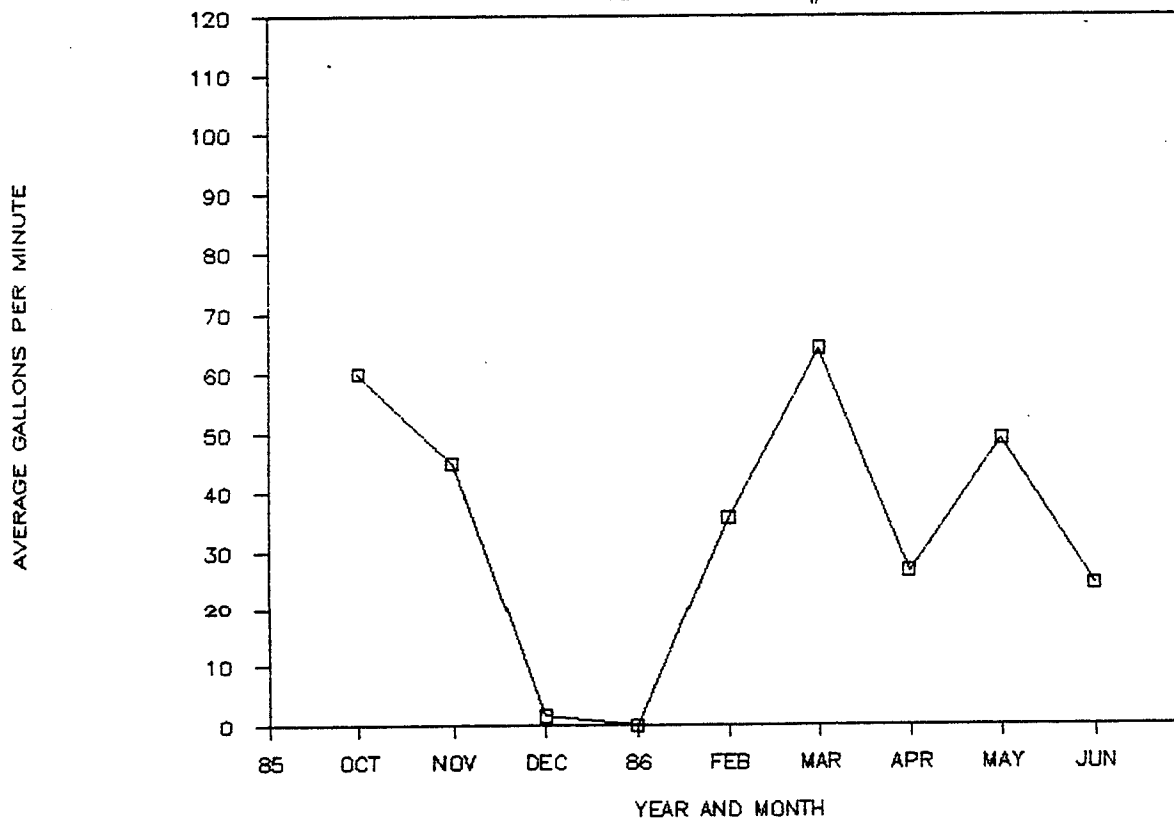
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	3,625,740	60,369	60.06	OCT 85	44,640	2,681,062
10/29/85 - 12/12/85	2,857,760	63,584	44.94	NOV 85	43,200	1,941,609
11/26/85 - 01/21/86	125,580	80,637	1.56	DEC 85	44,640	69,520
12/12/85 - 02/06/86	10	80,396	0.00	JAN 86	44,640	6
01/28/86 - 03/11/86	2,162,680	60,523	35.73	FEB 86	40,320	1,440,762
02/27/86 - 04/01/86	3,064,980	47,667	64.30	MAR 86	44,640	2,870,344
03/25/86 - 05/06/86	1,614,910	60,304	26.78	APR 86	43,200	1,156,874
04/29/86 - 06/03/86	2,477,200	50,490	49.06	MAY 86	44,640	2,190,180
05/27/86 - 07/01/86	1,233,800	50,345	24.51	JUN 86	43,200	1,058,698

TOTALS:

09/24/85 - 07/01/86    14,075,570    403,169    34.91

FLOW RATE PLOT

DEWATERING WELL # 3



NORTHWEST BOUNDARY  
DEWATERING WELL # 4

REPORT DATE: JULY 1986

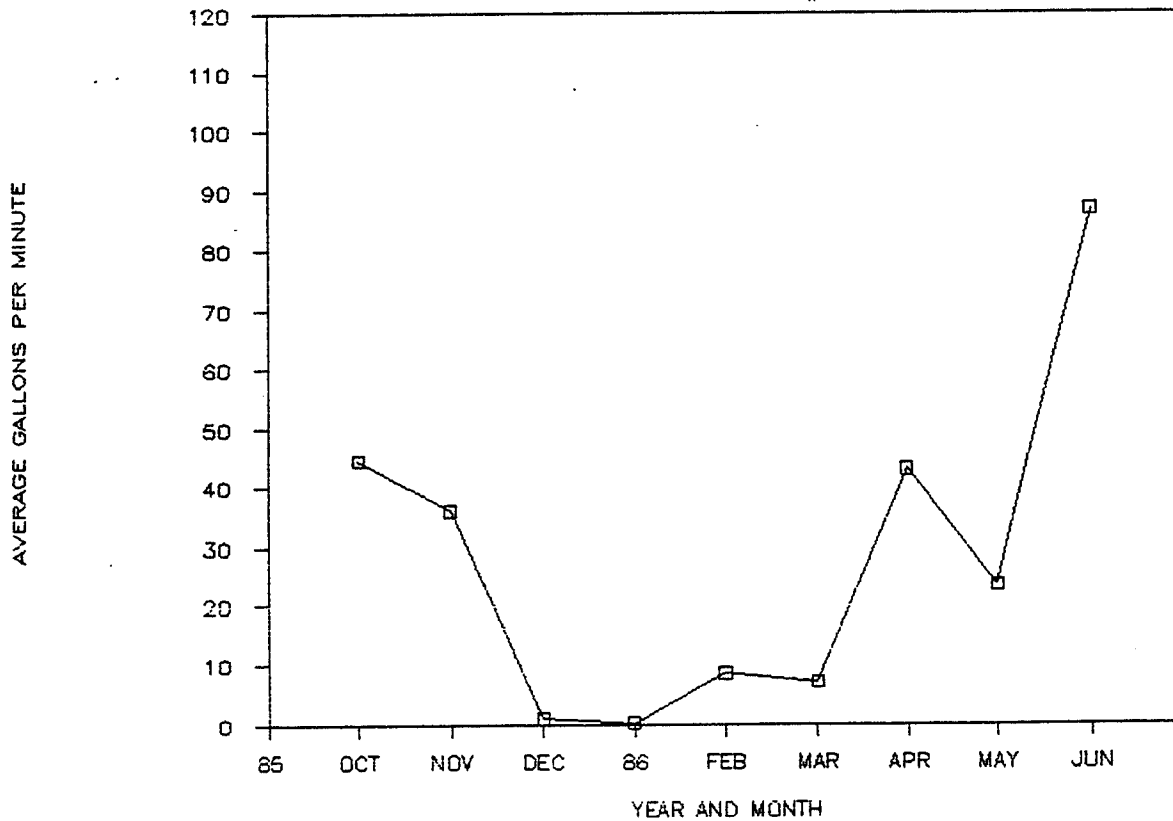
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	2,682,160	60,368	44.43	OCT 85	44,640	1,983,362
10/29/85 - 12/12/85	2,294,170	63,581	36.08	NOV 85	43,200	1,558,770
11/26/85 - 01/21/86	94,120	80,637	1.17	DEC 85	44,640	52,104
12/12/85 - 02/06/86	28,920	80,399	0.36	JAN 86	44,640	16,057
01/28/86 - 03/11/86	527,890	60,482	8.73	FEB 86	40,320	351,915
02/27/86 - 04/01/86	340,300	47,669	7.14	MAR 86	44,640	318,677
03/25/86 - 05/06/86	2,595,840	60,306	43.04	APR 86	43,200	1,859,521
04/29/86 - 06/03/86	1,181,810	50,491	23.41	MAY 86	44,640	1,044,859
05/27/86 - 07/01/86	4,371,480	50,348	86.83	JUN 86	43,200	3,750,853

TOTALS:

09/24/85 - 07/01/86    12,105,880    403,128    30.03

FLOW RATE PLOT

DEWATERING WELL # 4



NORTHWEST BOUNDARY  
DEWATERING WELL # 5

REPORT DATE: JULY 1986

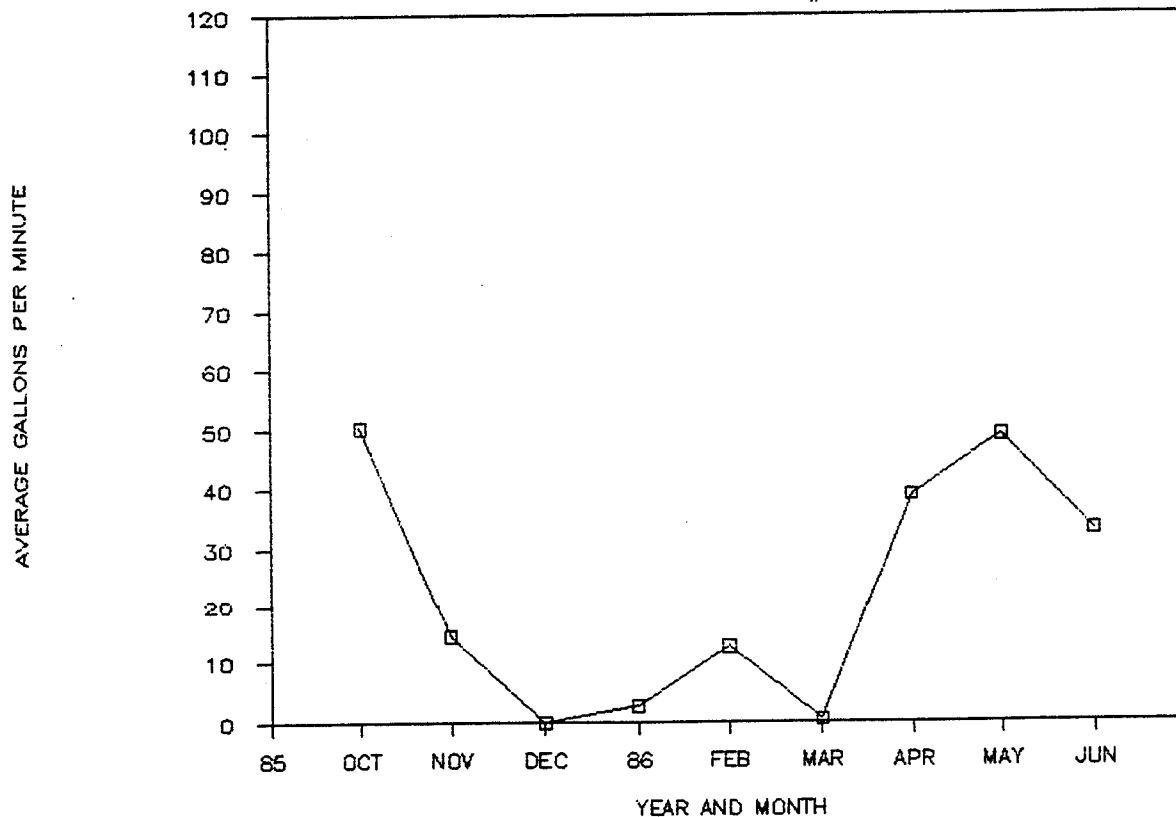
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	3,041,950	60,367	50.39	OCT 85	44,640	2,249,452
10/29/85 - 12/12/85	913,690	63,577	14.37	NOV 85	43,200	620,844
11/26/85 - 01/21/86	0	80,635	0.00	DEC 85	44,640	0
12/12/85 - 02/06/86	219,210	80,402	2.73	JAN 86	44,640	121,708
01/28/86 - 03/11/86	762,040	60,481	12.60	FEB 86	40,320	508,018
02/27/86 - 04/01/86	23,600	47,670	0.50	MAR 86	44,640	22,100
03/25/86 - 05/06/86	2,344,700	60,309	38.88	APR 86	43,200	1,679,535
04/29/86 - 06/03/86	2,475,600	50,490	49.03	MAY 86	44,640	2,188,766
05/27/86 - 07/01/86	1,659,600	50,351	32.96	JUN 86	43,200	1,423,899

TOTALS:

09/24/85 - 07/01/86      9,323,960    403,128      23.13

FLOW RATE PLOT

DEWATERING WELL # 5



NORTHWEST BOUNDARY  
DEWATERING WELL # 6

REPORT DATE: JULY 1986

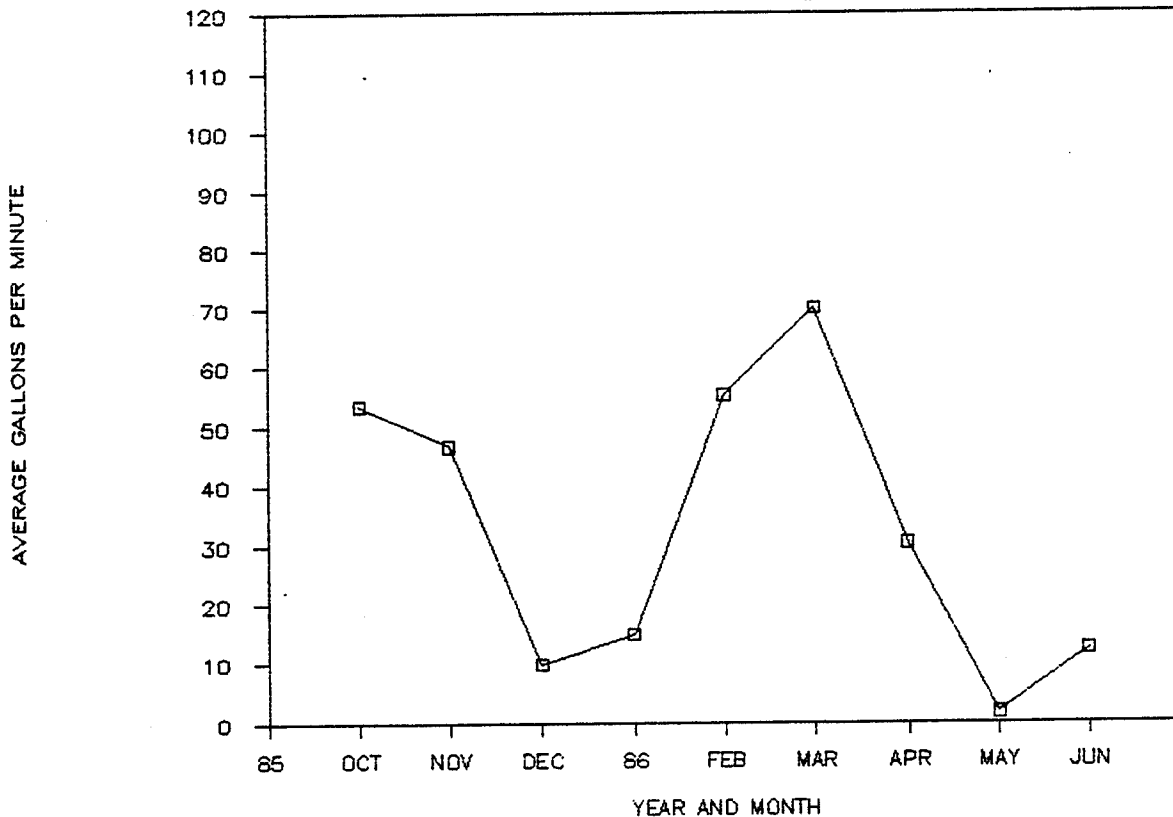
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	3,224,970	60,407	53.39	OCT 85	44,640	2,383,212
10/29/85 - 12/12/85	2,968,640	63,614	46.67	NOV 85	43,200	2,015,991
11/26/85 - 01/21/86	797,040	80,633	9.88	DEC 85	44,640	441,257
12/12/85 - 02/06/86	1,161,010	77,524	14.98	JAN 86	44,640	668,535
01/30/86 - 03/11/86	3,186,730	57,746	55.19	FEB 86	40,320	2,225,071
02/27/86 - 04/01/86	3,335,900	47,671	69.98	MAR 86	44,640	3,123,798
03/25/86 - 05/06/86	1,825,700	60,311	30.27	APR 86	43,200	1,307,726
04/29/86 - 06/03/86	90,200	50,530	1.79	MAY 86	44,640	79,686
05/27/86 - 07/01/86	627,100	50,353	12.45	JUN 86	43,200	538,016

TOTALS:

09/24/85 - 07/01/86    13,612,250    400,327    34.00

FLOW RATE PLOT

DEWATERING WELL # 6



NORTHWEST BOUNDARY  
DEWATERING WELL # 7

REPORT DATE: JULY 1986

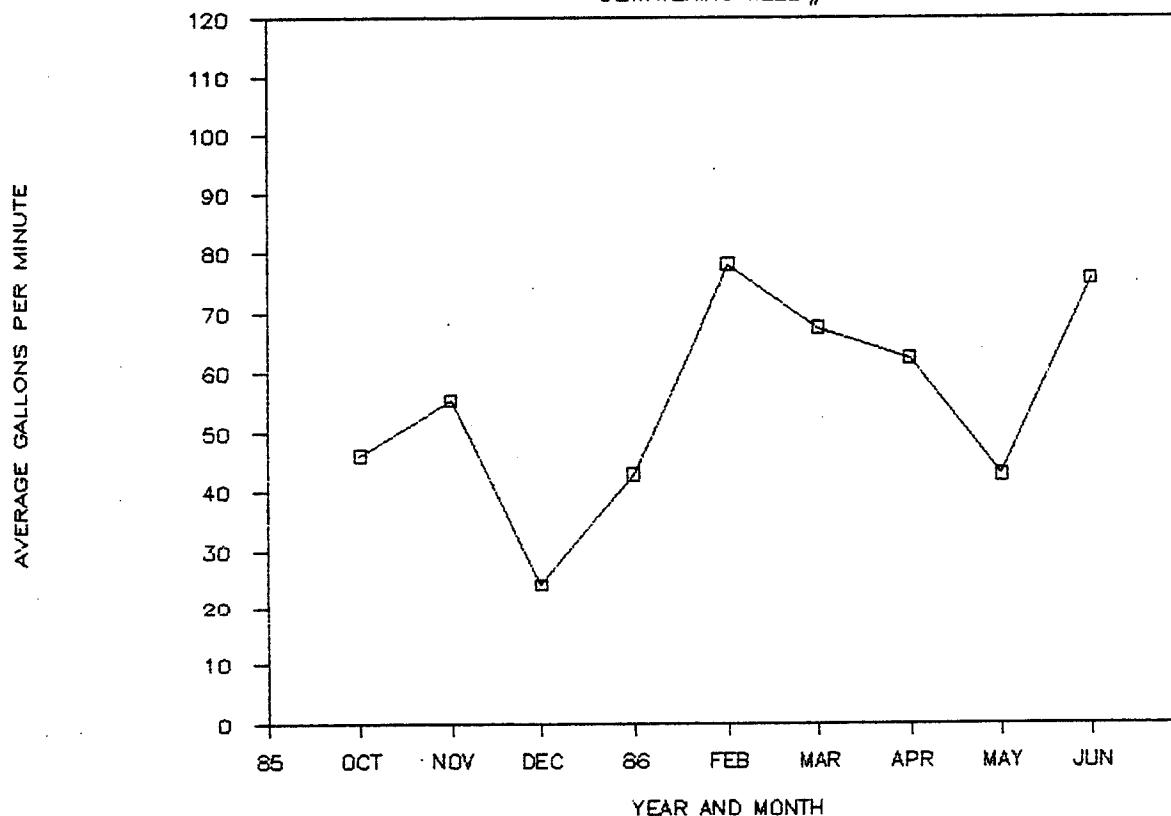
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	2,784,410	60,406	46.09	OCT 85	44,640	2,057,678
10/29/85 - 12/12/85	3,527,800	63,612	55.46	NOV 85	43,200	2,395,790
11/26/85 - 01/21/86	1,951,110	80,632	24.20	DEC 85	44,640	1,080,186
12/12/85 - 02/06/86	3,324,710	77,527	42.88	JAN 86	44,640	1,914,366
01/30/86 - 03/11/86	4,515,800	57,785	78.15	FEB 86	40,320	3,150,940
02/27/86 - 04/01/86	3,222,810	47,713	67.55	MAR 86	44,640	3,015,242
03/25/86 - 05/06/86	3,763,700	60,313	62.40	APR 86	43,200	2,695,801
04/29/86 - 06/03/86	2,173,900	50,531	43.02	MAY 86	44,640	1,920,463
05/27/86 - 07/01/86	3,811,000	50,356	75.68	JUN 86	43,200	3,269,426

TOTALS:

09/24/85 - 07/01/86 22,081,320 400,366 55.15

FLOW RATE PLOT

DEWATERING WELL # 7



NORTHWEST BOUNDARY  
DEWATERING WELL # 8

REPORT DATE: JULY 1986

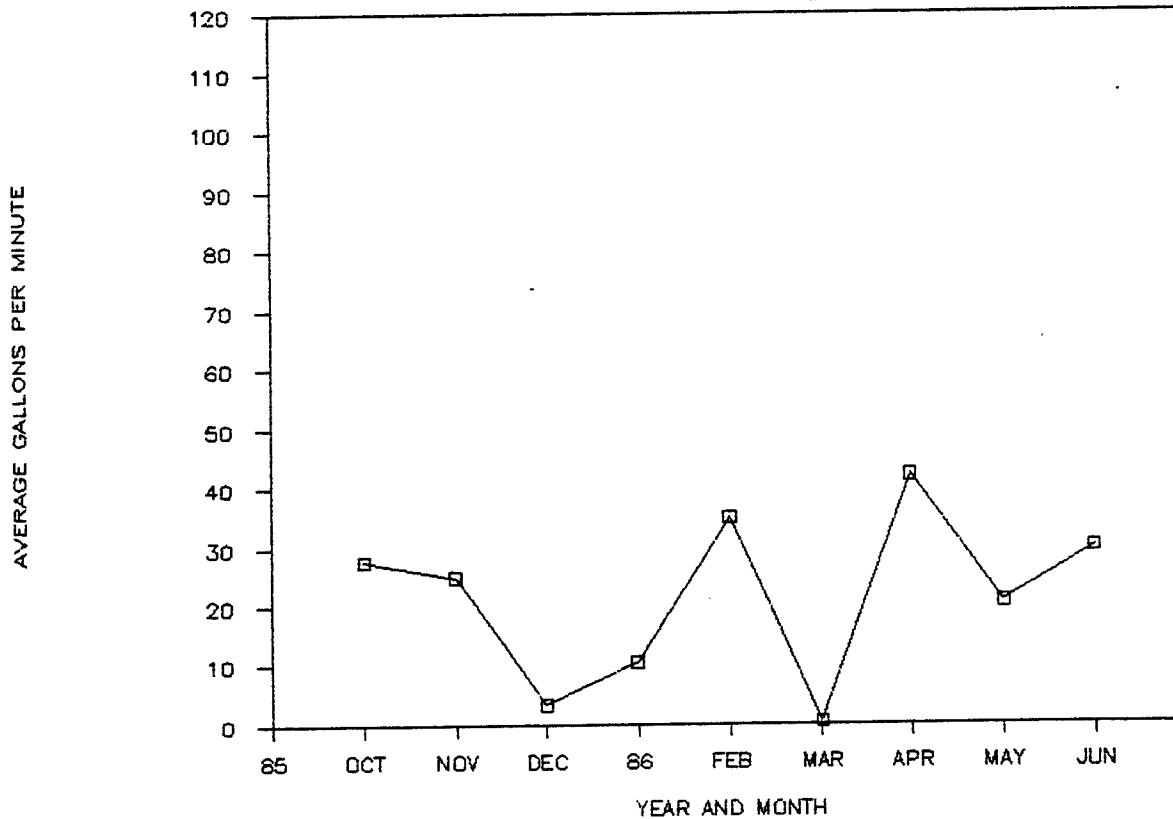
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	1,668,640	60,406	27.62	OCT 85	44,640	1,233,124
10/29/85 - 12/12/85	1,586,070	63,610	24.93	NOV 85	43,200	1,077,161
11/26/85 - 01/21/86	269,080	80,631	3.34	DEC 85	44,640	148,972
12/12/85 - 02/06/86	814,180	77,529	10.50	JAN 86	44,640	468,792
01/30/86 - 03/11/86	2,023,490	57,784	35.02	FEB 86	40,320	1,411,933
02/27/86 - 04/01/86	23,230	47,675	0.49	MAR 86	44,640	21,751
03/25/86 - 05/06/86	2,536,550	60,315	42.06	APR 86	43,200	1,816,778
04/29/86 - 06/03/86	1,041,960	50,531	20.62	MAY 86	44,640	920,486
05/27/86 - 07/01/86	1,507,600	50,357	29.94	JUN 86	43,200	1,293,332

TOTALS:

09/24/85 - 07/01/86      9,208,640    400,364      23.00

FLOW RATE PLOT

DEWATERING WELL # 8





NORTHWEST BOUNDARY  
DEWATERING WELL # 9

REPORT DATE: JULY 1986

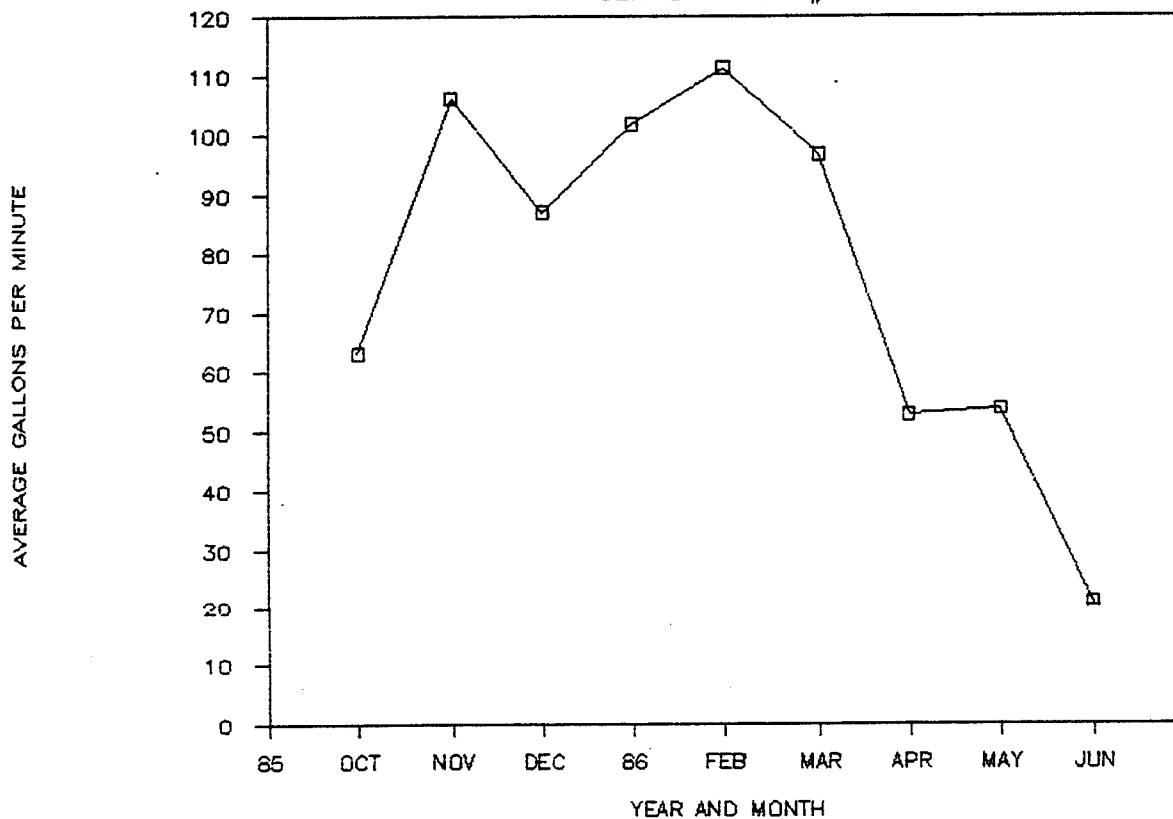
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	3,818,660	60,405	63.22	OCT 85	44,640	2,822,049
10/29/85 - 12/12/85	6,751,200	63,567	106.21	NOV 85	43,200	4,588,101
11/26/85 - 01/21/86	7,019,660	80,630	87.06	DEC 85	44,640	3,886,365
12/12/85 - 02/06/86	7,900,760	77,531	101.90	JAN 86	44,640	4,549,018
01/30/86 - 03/11/86	6,426,300	57,784	111.21	FEB 86	40,320	4,484,086
02/27/86 - 04/01/86	4,614,500	47,677	96.79	MAR 86	44,640	4,320,559
03/25/86 - 05/06/86	3,192,810	60,318	52.93	APR 86	43,200	2,286,704
04/29/86 - 06/03/86	2,720,010	50,490	53.87	MAY 86	44,640	2,404,858
05/27/86 - 07/01/86	1,048,400	50,358	20.82	JUN 86	43,200	899,378

TOTALS:

09/24/85 - 07/01/86    30,078,950    400,322    75.14

FLOW RATE PLOT

DEWATERING WELL # 9



NORTHWEST BOUNDARY  
DEWATERING WELL # 10

REPORT DATE: JULY 1986

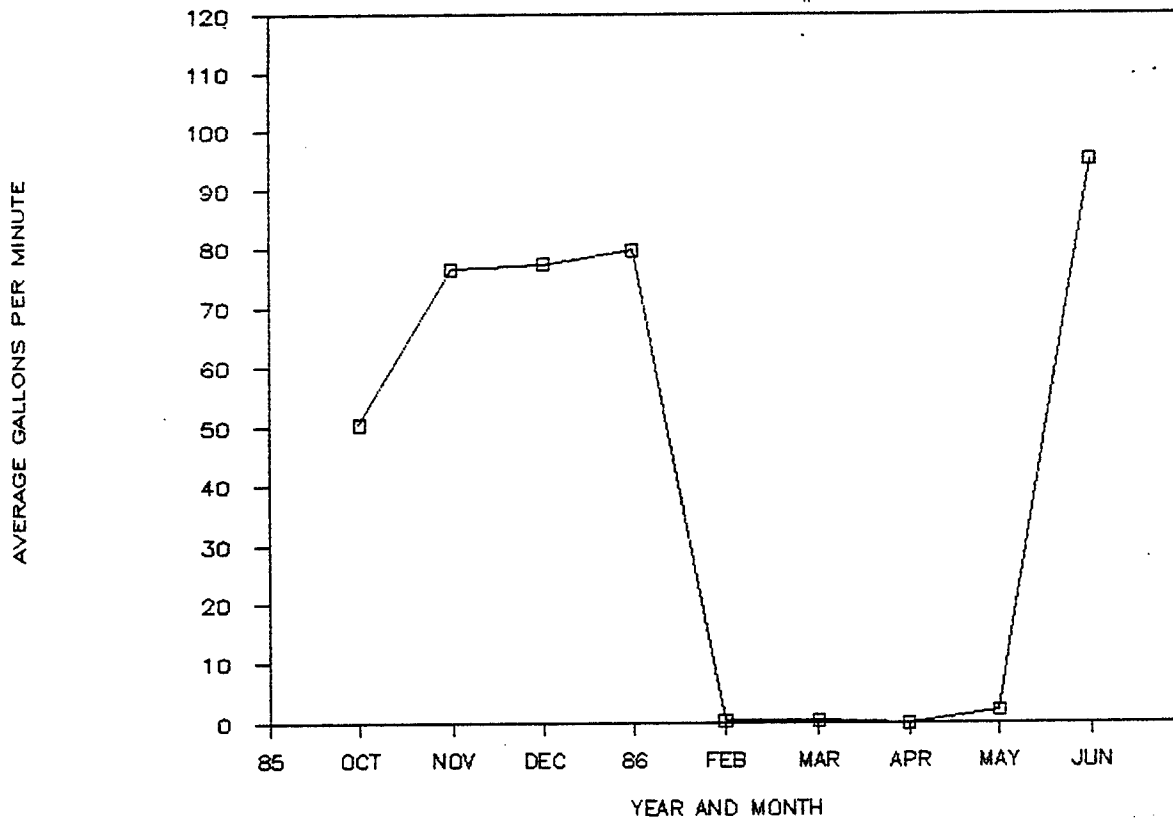
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	3,041,080	60,404	50.35	OCT 85	44,640	2,247,431
10/29/85 - 12/12/85	4,868,300	63,564	76.59	NOV 85	43,200	3,308,643
11/26/85 - 01/21/86	6,239,490	80,630	77.38	DEC 85	44,640	3,454,432
12/12/85 - 02/06/86	6,189,590	77,534	79.83	JAN 86	44,640	3,563,641
01/30/86 - 03/11/86	21,710	57,784	0.38	FEB 86	40,320	15,149
02/27/86 - 04/01/86	20,480	47,678	0.43	MAR 86	44,640	19,175
03/25/86 - 05/06/86	0	60,320	0.00	APR 86	43,200	0
04/29/86 - 06/03/86	106,070	50,491	2.10	MAY 86	44,640	93,778
05/27/86 - 07/01/86	4,792,200	50,361	95.16	JUN 86	43,200	4,110,781

TOTALS:

09/24/85 - 07/01/86    17,925,440    400,321    44.78

FLOW RATE PLOT

DEWATERING WELL # 10



NORTHWEST BOUNDARY  
DEWATERING WELL # 11

REPORT DATE: JULY 1986

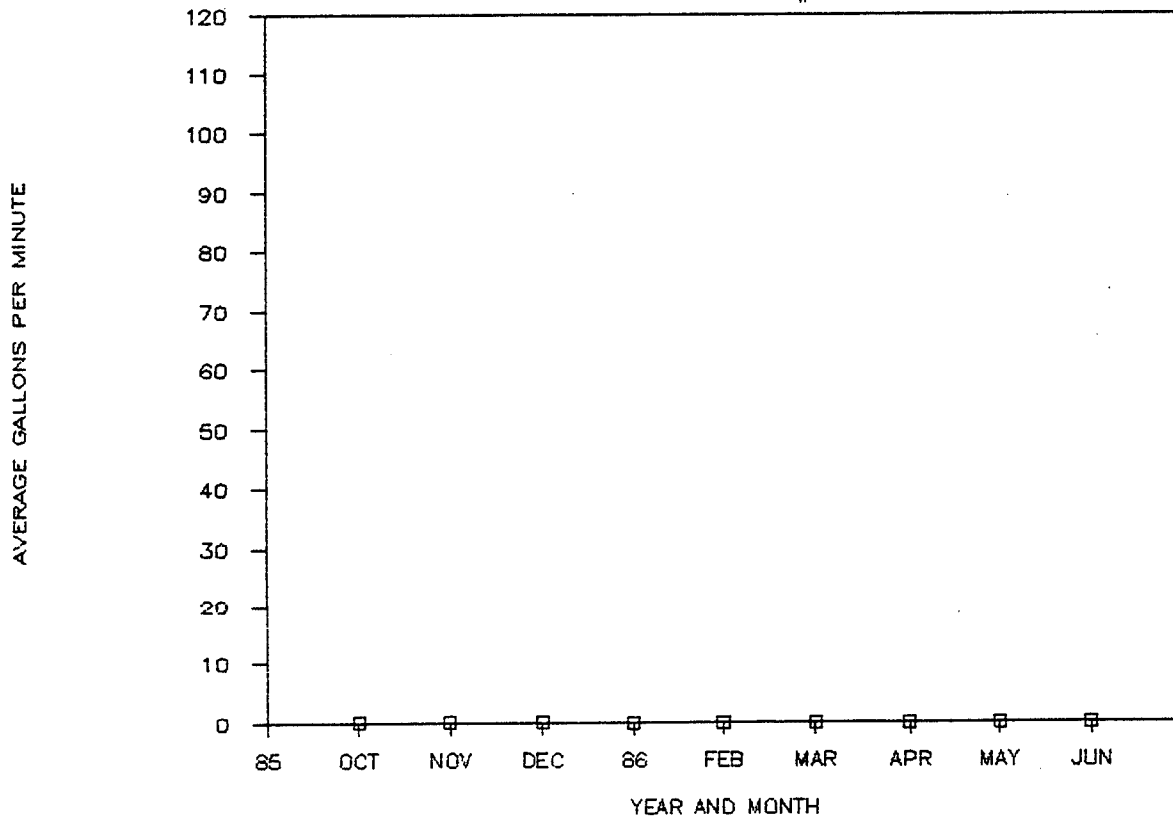
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	3,190	60,404	0.05	OCT 85	44,640	2,357
10/29/85 - 12/12/85	6,070	63,522	0.10	NOV 85	43,200	4,128
11/26/85 - 01/21/86	4,610	80,627	0.06	DEC 85	44,640	2,552
12/12/85 - 02/06/86	2,210	76,096	0.03	JAN 86	44,640	1,296
01/31/86 - 03/11/86	10	56,397	0.00	FEB 86	40,320	7
02/27/86 - 04/01/86	0	47,679	0.00	MAR 86	44,640	0
03/25/86 - 05/06/86	0	60,322	0.00	APR 86	43,200	0
04/29/86 - 06/03/86	0	50,491	0.00	MAY 86	44,640	0
05/27/86 - 07/01/86	80	50,361	0.00	JUN 86	43,200	69

TOTALS:

09/24/85 - 07/01/86      10,500    398,838      0.03

FLOW RATE PLOT

DEWATERING WELL # 11



REPORT DATE: JULY 1986

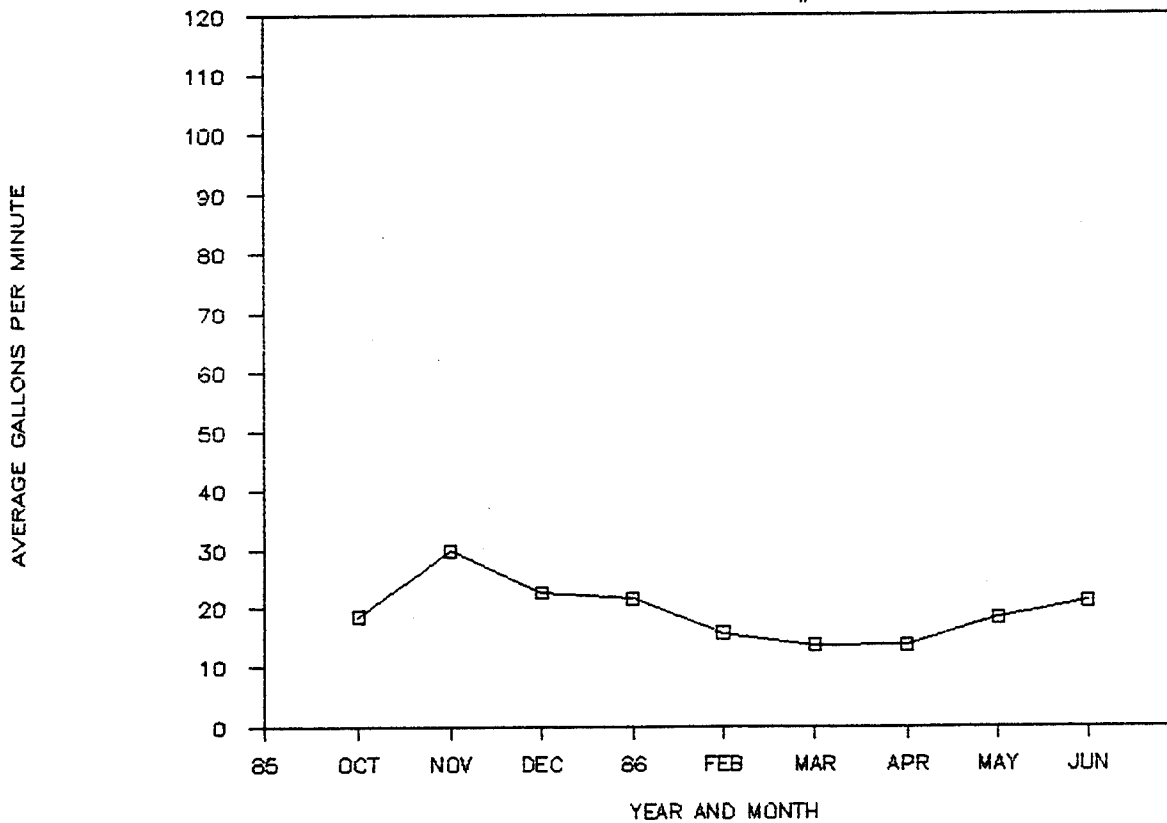
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	1,113,750	60,403	18.44	OCT 85	44,640	823,102
10/29/85 - 12/12/85	1,900,020	63,559	29.89	NOV 85	43,200	1,291,412
11/26/85 - 01/21/86	1,818,710	80,624	22.56	DEC 85	44,640	1,006,986
12/12/85 - 02/06/86	1,643,120	76,099	21.59	JAN 86	44,640	963,861
01/31/86 - 03/11/86	886,460	56,399	15.72	FEB 86	40,320	633,736
02/27/86 - 04/01/86	652,700	47,680	13.69	MAR 86	44,640	611,085
03/25/86 - 05/06/86	829,300	60,324	13.75	APR 86	43,200	593,889
04/29/86 - 06/03/86	927,790	50,491	18.38	MAY 86	44,640	820,276
05/27/86 - 07/01/86	1,064,400	50,362	21.13	JUN 86	43,200	913,031

TOTALS:

09/24/85 - 07/01/86	7,767,380	398,876	19.47
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## FLOW RATE PLOT

DEWATERING WELL # 12



NORTHWEST BOUNDARY  
DEWATERING WELL # 13

REPORT DATE: JULY 1986

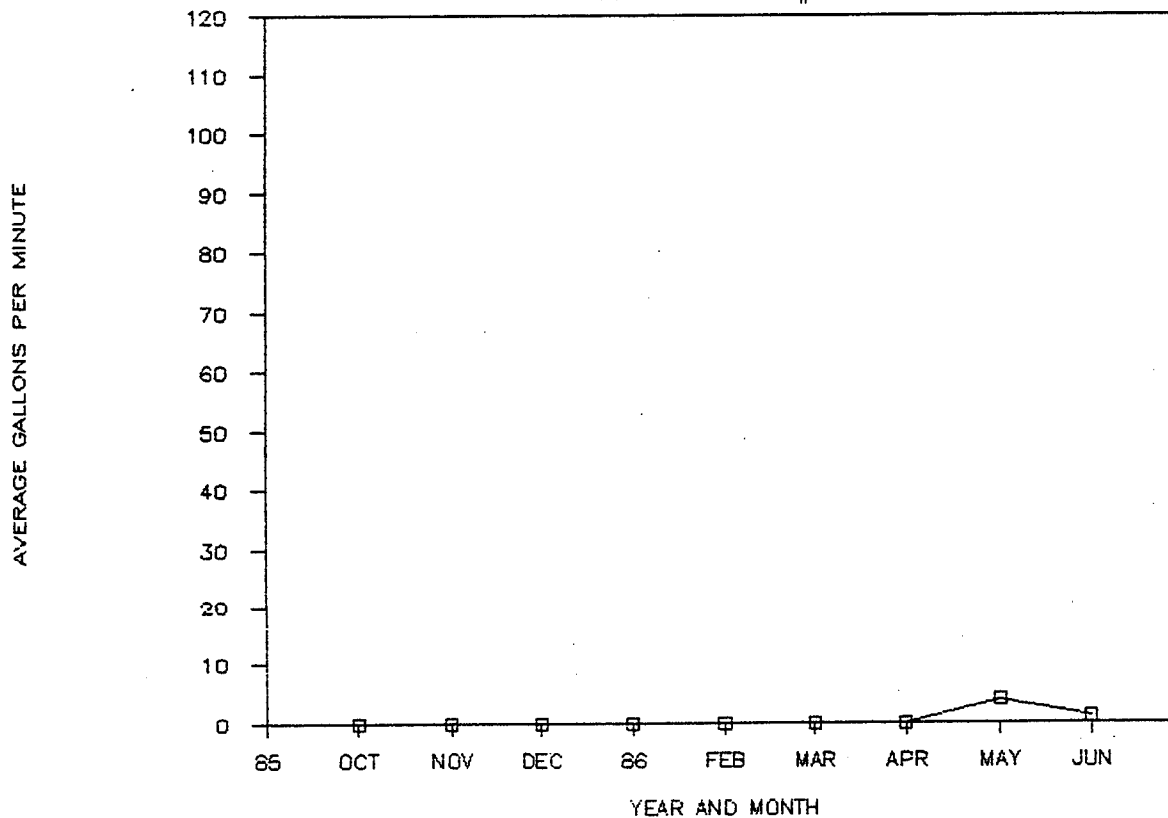
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	0	60,402	0.00	OCT 85	44,640	0
10/29/85 - 12/12/85	0	63,556	0.00	NOV 85	43,200	0
11/26/85 - 01/21/86	40	80,618	0.00	DEC 85	44,640	22
12/12/85 - 02/06/86	220	76,100	0.00	JAN 86	44,640	129
01/31/86 - 03/11/86	150	56,399	0.00	FEB 86	40,320	107
02/27/86 - 04/01/86	10	47,682	0.00	MAR 86	44,640	9
03/25/86 - 05/06/86	0	60,327	0.00	APR 86	43,200	0
04/29/86 - 06/03/86	202,730	50,491	4.02	MAY 86	44,640	179,237
05/27/86 - 07/01/86	57,910	50,364	1.15	JUN 86	43,200	49,673

TOTALS:

09/24/85 - 07/01/86      230,660    398,874      0.58

FLOW RATE PLOT

DEWATERING WELL # 13



NORTHWEST BOUNDARY  
DEWATERING WELL # 14

REPORT DATE: JULY 1986

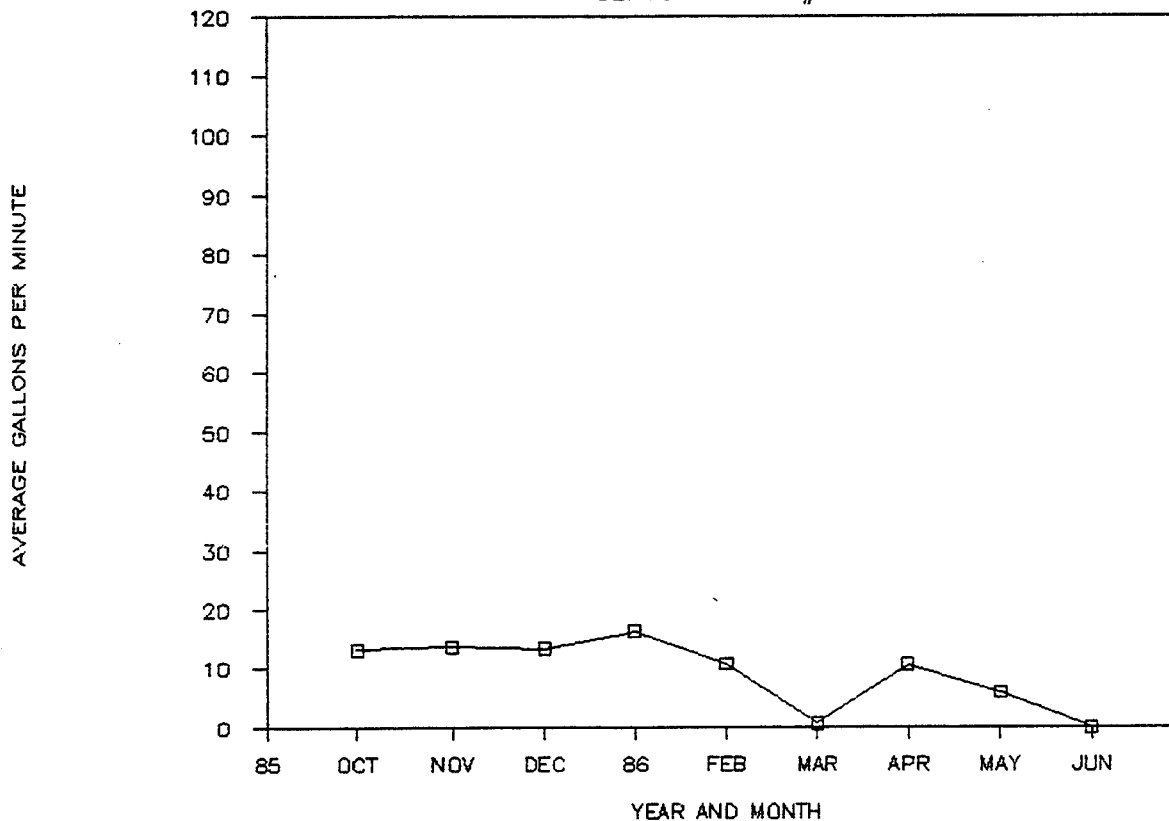
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	800,440	60,402	13.25	OCT 85	44,640	591,564
10/29/85 - 12/12/85	872,700	63,554	13.73	NOV 85	43,200	593,206
11/26/85 - 01/21/86	1,089,290	80,612	13.51	DEC 85	44,640	603,209
12/12/85 - 02/06/86	1,250,820	76,103	16.44	JAN 86	44,640	733,698
01/31/86 - 03/11/86	612,150	56,359	10.86	FEB 86	40,320	437,941
02/27/86 - 04/01/86	33,310	47,683	0.70	MAR 86	44,640	31,184
03/25/86 - 05/06/86	642,790	60,329	10.65	APR 86	43,200	460,285
04/29/86 - 06/03/86	301,750	50,491	5.98	MAY 86	44,640	266,783
05/27/86 - 07/01/86	150	50,365	0.00	JUN 86	43,200	129

TOTALS:

09/24/85 - 07/01/86    4,081,110    398,832    10.23

FLOW RATE PLOT

DEWATERING WELL # 14



NORTHWEST BOUNDARY  
DEWATERING WELL # 15

REPORT DATE: JULY 1986

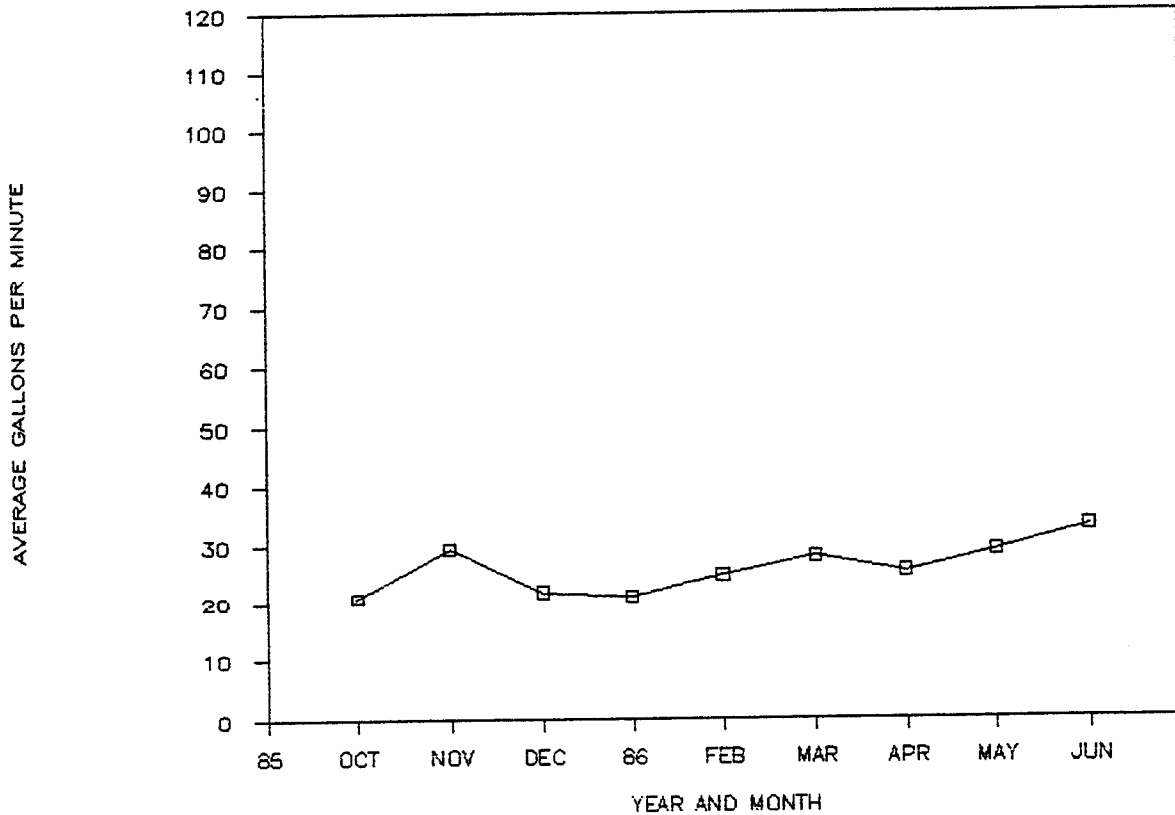
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	1,244,240	60,400	20.60	OCT 85	44,640	919,584
10/29/85 - 12/12/85	1,859,180	63,554	29.25	NOV 85	43,200	1,263,753
11/26/85 - 01/21/86	1,750,080	80,610	21.71	DEC 85	44,640	969,155
12/12/85 - 02/06/86	1,594,990	76,101	20.96	JAN 86	44,640	935,603
01/31/86 - 03/11/86	1,398,900	56,398	24.80	FEB 86	40,320	1,000,100
02/27/86 - 04/01/86	1,336,970	47,684	28.04	MAR 86	44,640	1,251,622
03/25/86 - 05/06/86	1,532,170	60,332	25.40	APR 86	43,200	1,097,092
04/29/86 - 06/03/86	1,458,270	50,490	28.88	MAY 86	44,640	1,289,308
05/27/86 - 07/01/86	1,661,830	50,327	33.02	JUN 86	43,200	1,426,492

TOTALS:

09/24/85 - 07/01/86    10,375,940    398,830    26.02

FLOW RATE PLOT

DEWATERING WELL # 15



RECHARGE WELL FLOW RATE STATISTICS AND PLOTS



NORTHWEST BOUNDARY  
RECHARGE WELL # 1

REPORT DATE: JULY 1986

TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
4/85 - 11/05/85	2,895,390	60,665	47.73	OCT 85	44,640	2,130,557
9/85 - 12/13/85	2,599,280	64,855	40.08	NOV 85	43,200	1,731,384
5/85 - 01/21/86	543,990	80,640	6.75	DEC 85	44,640	301,137
3/85 - 02/06/86	601,760	79,110	7.61	JAN 86	44,640	339,560
1/86 - 03/11/86	488,440	70,720	6.91	FEB 86	40,320	278,477
7/86 - 04/01/86	110,800	47,775	2.32	MAR 86	44,640	103,529
5/86 - 05/06/86	1,979,830	60,375	32.79	APR 86	43,200	1,416,624
9/86 - 06/03/86	1,505,860	50,448	29.85	MAY 86	44,640	1,332,493
7/86 - 07/01/86	2,858,050	50,332	56.78	JUN 86	43,200	2,453,067

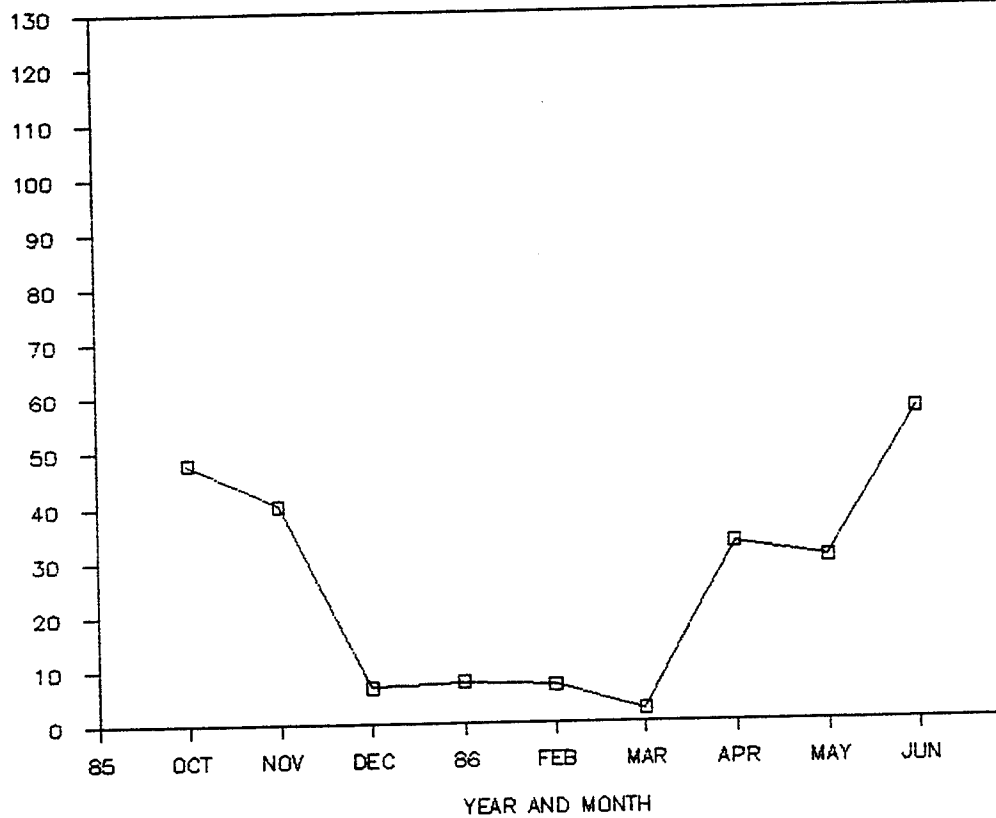
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LS:

4/85 - 07/01/86    10,923,820    403,362    27.08

### FLOW RATE PLOT

RECHARGE WELL # 1



NORTHWEST BOUNDARY  
RECHARGE WELL # 3

REPORT DATE: JULY 1986

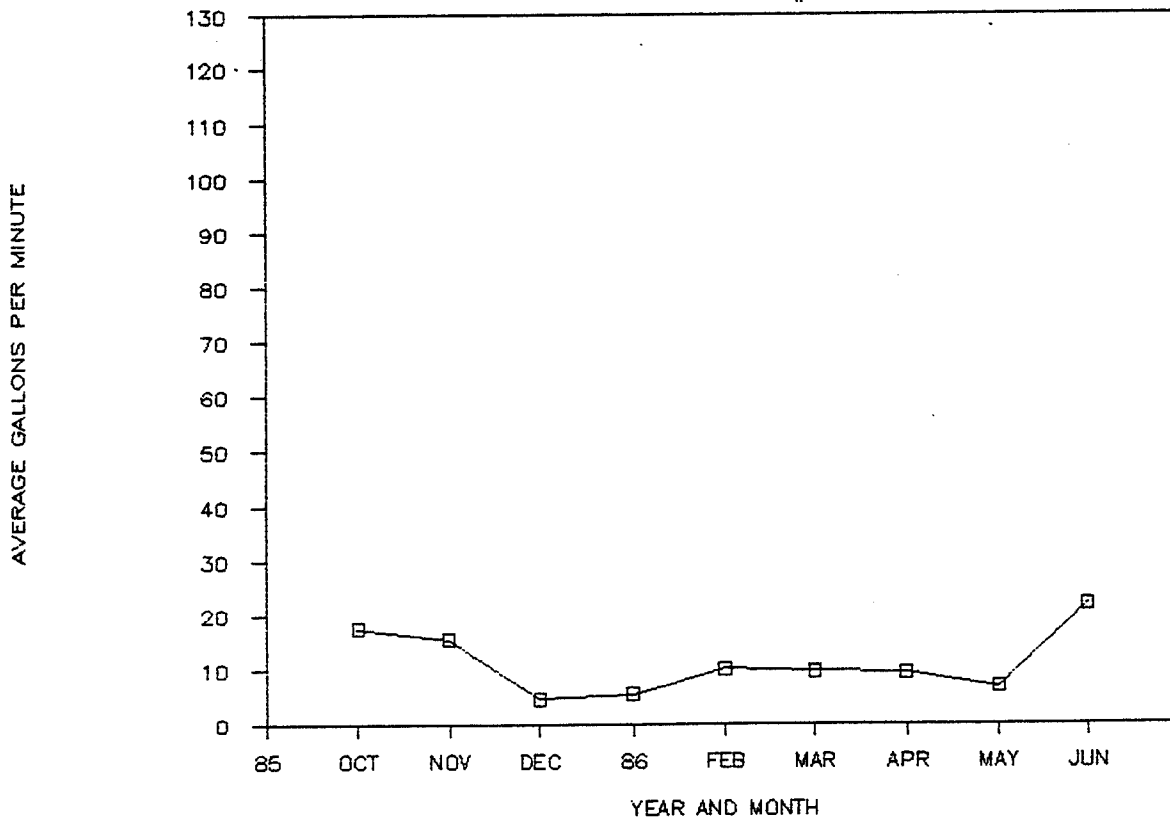
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	1,065,800	60,544	17.60	OCT 85	44,640	785,830
10/29/85 - 12/13/85	1,008,700	64,856	15.55	NOV 85	43,200	671,886
11/26/85 - 01/21/86	379,200	80,640	4.70	DEC 85	44,640	209,914
12/13/85 - 02/06/86	440,800	79,113	5.57	JAN 86	44,640	248,724
01/21/86 - 03/11/86	719,300	70,715	10.17	FEB 86	40,320	410,128
02/27/86 - 04/01/86	461,000	47,773	9.65	MAR 86	44,640	430,767
03/25/86 - 05/06/86	566,800	60,380	9.39	APR 86	43,200	405,528
04/29/86 - 06/03/86	345,800	50,443	6.86	MAY 86	44,640	306,019
05/27/86 - 07/01/86	1,103,500	50,375	21.91	JUN 86	43,200	946,327

TOTALS:

09/24/85 - 07/01/86      4,720,500    403,398      11.70

FLOW RATE PLOT

RECHARGE WELL # 3



NORTHWEST BOUNDARY  
RECHARGE WELL # 4

REPORT DATE: JULY 1986

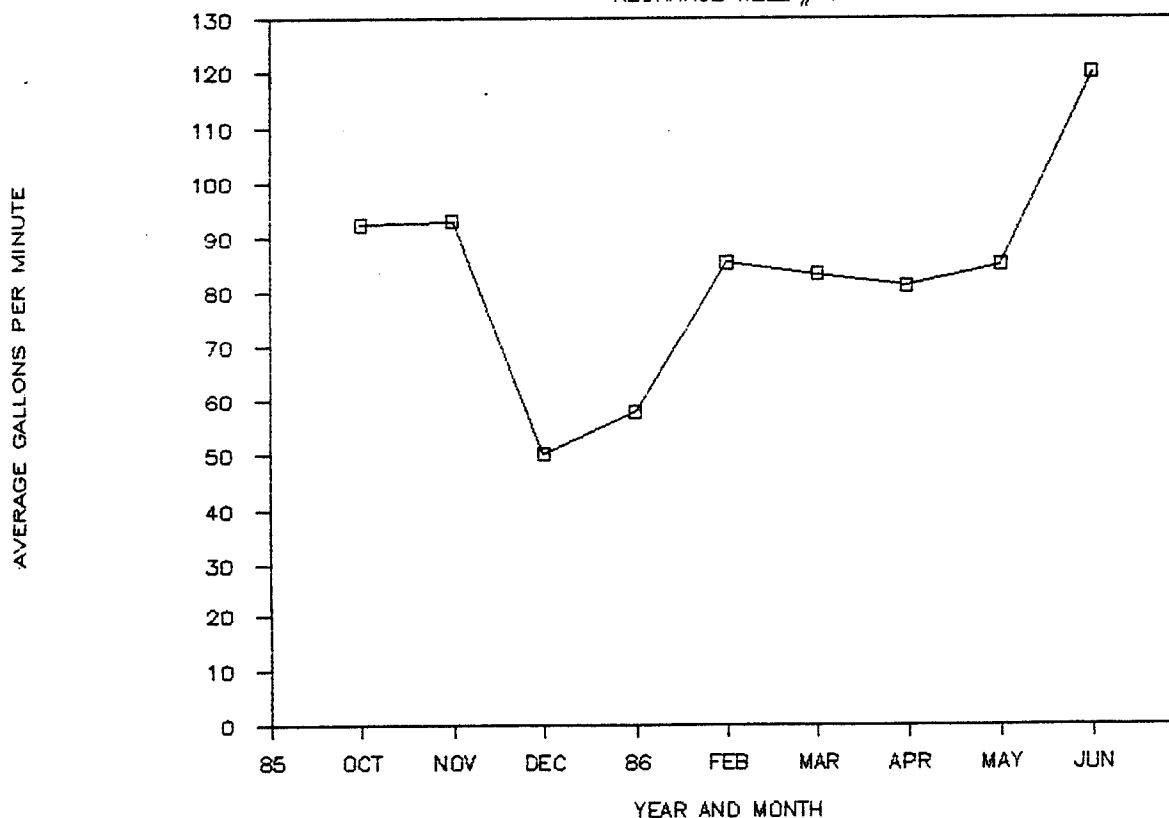
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	5,609,360	60,663	92.47	OCT 85	44,640	4,127,752
10/29/85 - 12/13/85	6,041,520	64,855	93.15	NOV 85	43,200	4,024,264
11/26/85 - 01/21/86	4,045,280	80,639	50.17	DEC 85	44,640	2,239,379
12/13/85 - 02/06/86	4,587,260	79,114	57.98	JAN 86	44,640	2,588,357
01/21/86 - 03/11/86	6,040,400	70,713	85.42	FEB 86	40,320	3,444,189
02/27/86 - 04/01/86	3,979,310	47,772	83.30	MAR 86	44,640	3,718,421
03/25/86 - 05/06/86	4,902,520	60,382	81.19	APR 86	43,200	3,507,484
04/29/86 - 06/03/86	4,290,850	50,442	85.07	MAY 86	44,640	3,797,303
05/27/86 - 07/01/86	6,045,620	50,379	120.00	JUN 86	43,200	5,184,120

TOTALS:

09/24/85 - 07/01/86    34,044,630    403,399    84.39

FLOW RATE PLOT

RECHARGE WELL # 4



NORTHWEST BOUNDARY  
RECHARGE WELL # 5

REPORT DATE: JULY 1986

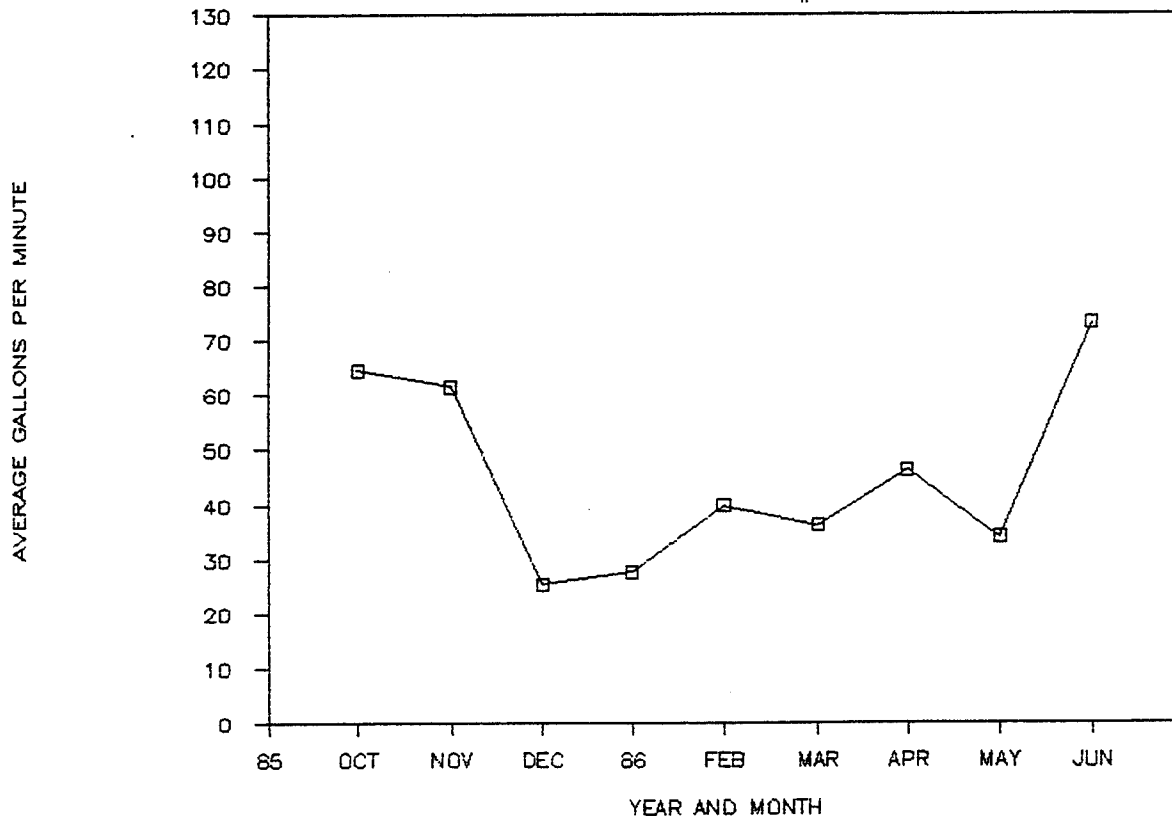
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	3,913,130	60,662	64.51	OCT 85	44,640	2,879,597
10/29/85 - 12/13/85	3,994,400	64,855	61.59	NOV 85	43,200	2,660,675
11/26/85 - 01/21/86	2,049,350	80,641	25.41	DEC 85	44,640	1,134,448
12/13/85 - 02/06/86	2,182,350	79,116	27.58	JAN 86	44,640	1,231,358
01/21/86 - 03/11/86	2,808,730	70,671	39.74	FEB 86	40,320	1,602,468
02/27/86 - 04/01/86	1,734,110	47,731	36.33	MAR 86	44,640	1,621,811
03/25/86 - 05/06/86	2,794,030	60,385	46.27	APR 86	43,200	1,998,876
04/29/86 - 06/03/86	1,714,140	50,440	33.98	MAY 86	44,640	1,517,034
05/27/86 - 07/01/86	3,687,000	50,380	73.18	JUN 86	43,200	3,161,540

TOTALS:

09/24/85 - 07/01/86    19,071,650    403,357    47.28

FLOW RATE PLOT

RECHARGE WELL # 5



NORTHWEST BOUNDARY  
RECHARGE WELL # 6

REPORT DATE: JULY 1986

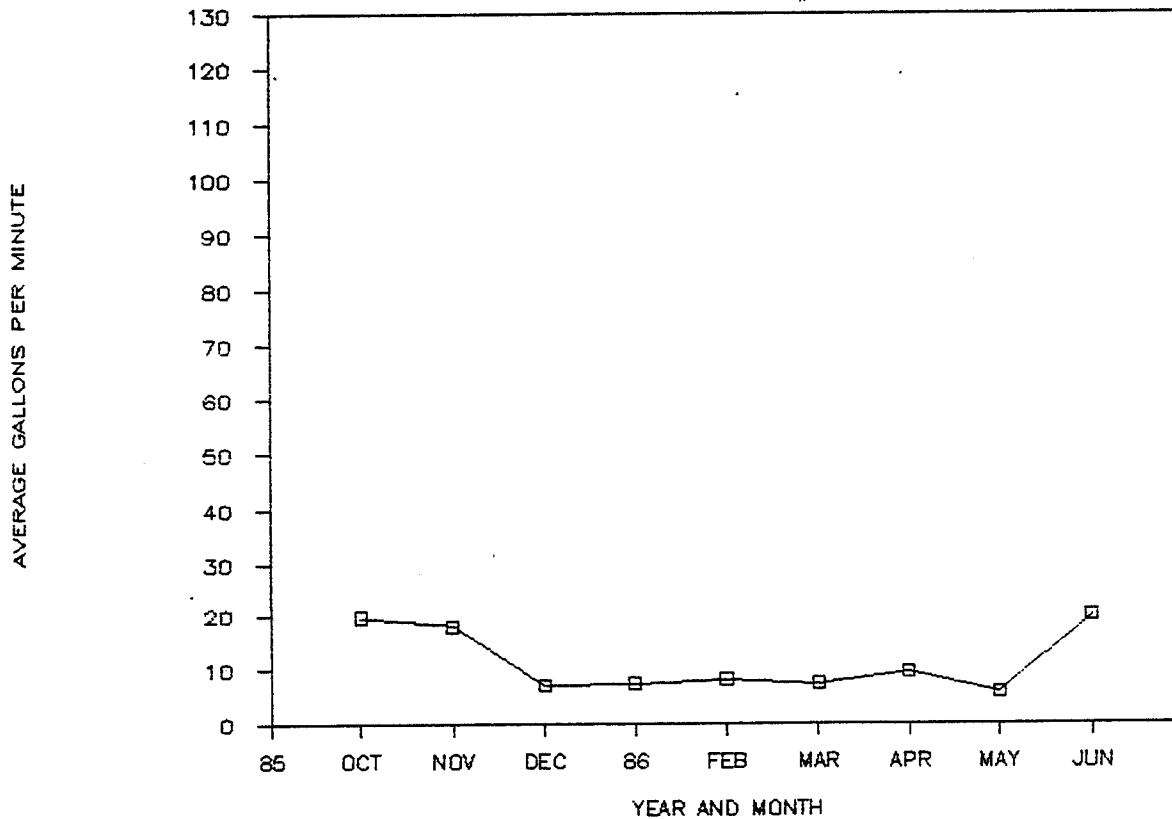
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	1,183,540	60,660	19.51	OCT 85	44,640	870,973
10/29/85 - 12/13/85	1,159,360	64,855	17.88	NOV 85	43,200	772,251
11/26/85 - 01/21/86	568,260	80,642	7.05	DEC 85	44,640	314,565
12/13/85 - 02/06/86	579,130	79,117	7.32	JAN 86	44,640	326,761
01/21/86 - 03/11/86	570,610	70,669	8.07	FEB 86	40,320	325,560
02/27/86 - 04/01/86	352,580	47,730	7.39	MAR 86	44,640	329,754
03/25/86 - 05/06/86	575,140	60,387	9.52	APR 86	43,200	411,447
04/29/86 - 06/03/86	291,540	50,438	5.78	MAY 86	44,640	258,027
05/27/86 - 07/01/86	996,440	50,383	19.78	JUN 86	43,200	854,380

TOTALS:

09/24/85 - 07/01/86      4,843,720    403,356      12.01

FLOW RATE PLOT

RECHARGE WELL # 6



NORTHWEST BOUNDARY  
RECHARGE WELL # 7

REPORT DATE: JULY 1986

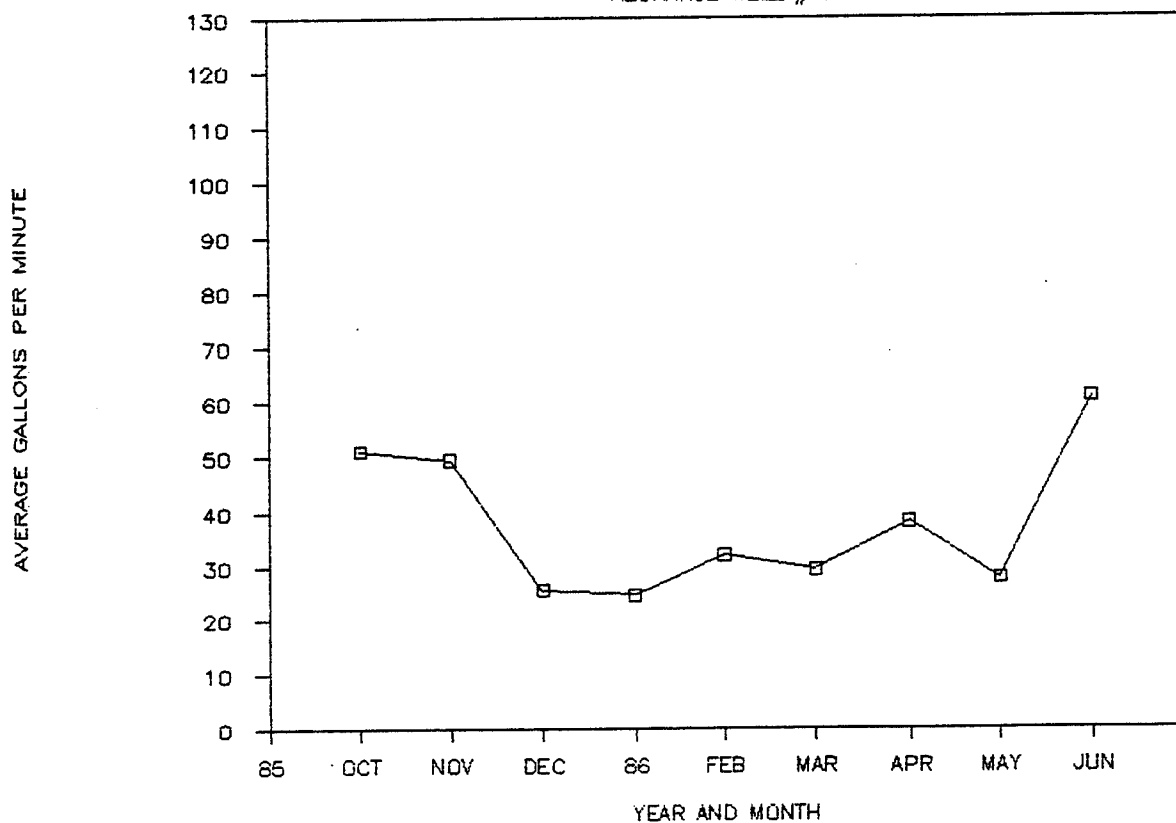
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	3,099,800	60,660	51.10	OCT 85	44,640	2,281,159
10/29/85 - 12/13/85	3,207,670	64,855	49.46	NOV 85	43,200	2,136,633
11/26/85 - 01/21/86	2,055,130	80,643	25.48	DEC 85	44,640	1,137,619
12/13/85 - 02/06/86	1,946,880	79,117	24.61	JAN 86	44,640	1,098,484
01/21/86 - 03/11/86	2,269,460	70,666	32.12	FEB 86	40,320	1,294,889
02/27/86 - 04/01/86	1,400,370	47,730	29.34	MAR 86	44,640	1,309,711
03/25/86 - 05/06/86	2,296,460	60,390	38.03	APR 86	43,200	1,642,773
04/29/86 - 06/03/86	1,396,250	50,436	27.68	MAY 86	44,640	1,235,796
05/27/86 - 07/01/86	3,063,990	50,383	60.81	JUN 86	43,200	2,627,163

TOTALS:

09/24/85 - 07/01/86 15,774,940 403,353 39.11

FLOW RATE PLOT

RECHARGE WELL # 7



NORTHWEST BOUNDARY  
RECHARGE WELL # 8

REPORT DATE: JULY 1986

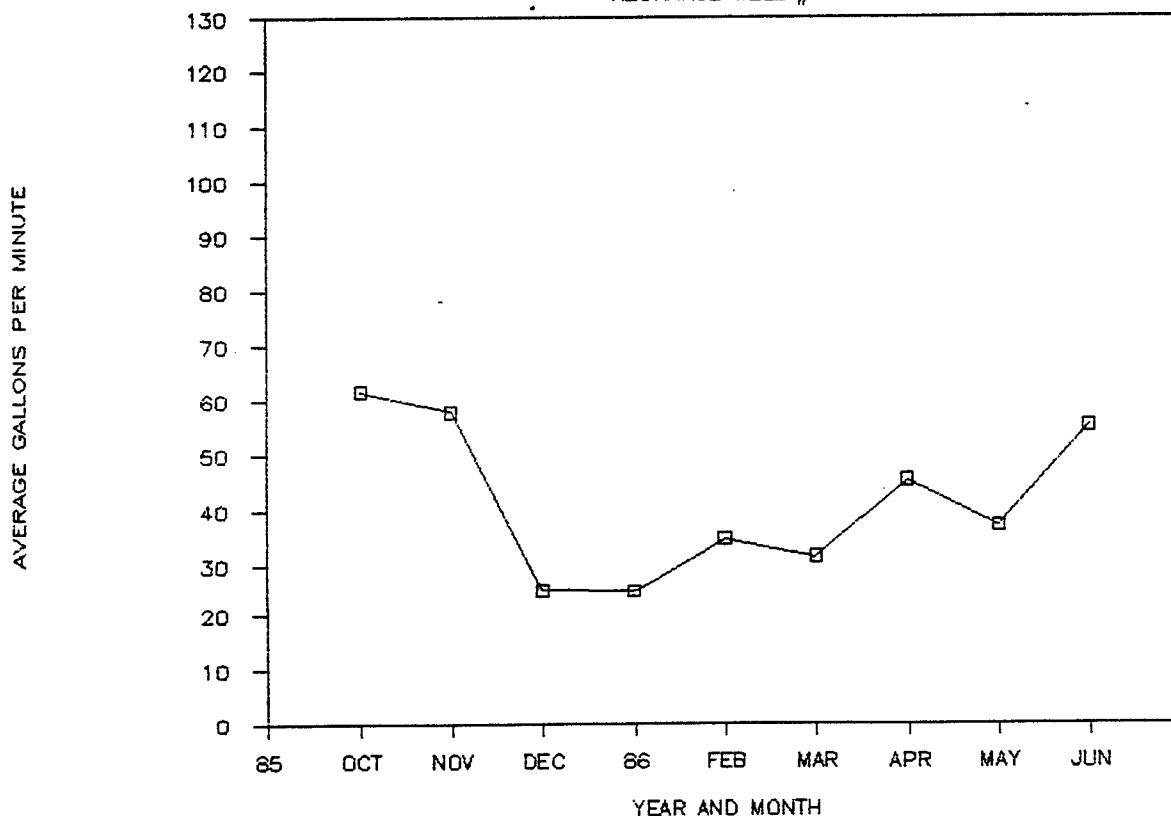
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	3,743,570	60,659	61.72	OCT 85	44,640	2,754,958
10/29/85 - 12/13/85	3,763,360	64,855	58.03	NOV 85	43,200	2,506,779
11/26/85 - 01/21/86	2,046,060	80,644	25.37	DEC 85	44,640	1,132,584
12/13/85 - 02/06/86	1,996,110	79,118	25.23	JAN 86	44,640	1,126,246
01/21/86 - 03/11/86	2,457,350	70,664	34.78	FEB 86	40,320	1,402,133
02/27/86 - 04/01/86	1,506,310	47,729	31.56	MAR 86	44,640	1,408,822
03/25/86 - 05/06/86	2,743,110	60,392	45.42	APR 86	43,200	1,962,219
04/29/86 - 06/03/86	1,873,520	50,434	37.15	MAY 86	44,640	1,658,285
05/27/86 - 07/01/86	2,795,800	50,383	55.49	JUN 86	43,200	2,397,209

TOTALS:

09/24/85 - 07/01/86 16,719,680 403,350 41.45

FLOW RATE PLOT

RECHARGE WELL # 8



NORTHWEST BOUNDARY  
RECHARGE WELL # 9

REPORT DATE: JULY 1986

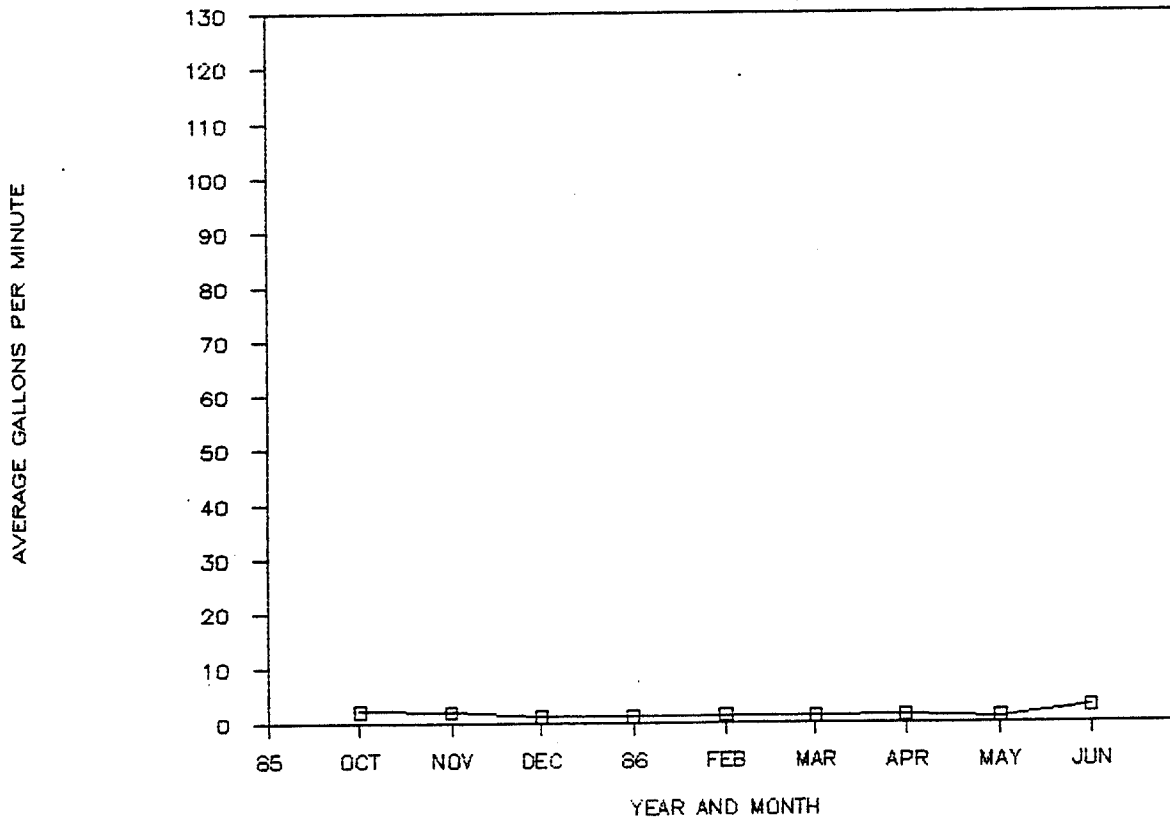
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	131,990	60,658	2.18	OCT 85	44,640	97,135
10/29/85 - 12/13/85	134,660	64,855	2.08	NOV 85	43,200	89,697
11/26/85 - 01/21/86	99,480	80,646	1.23	DEC 85	44,640	55,065
12/13/85 - 02/06/86	98,080	79,120	1.24	JAN 86	44,640	55,337
01/21/86 - 03/11/86	93,430	70,662	1.32	FEB 86	40,320	53,312
02/27/86 - 04/01/86	54,960	47,728	1.15	MAR 86	44,640	51,404
03/25/86 - 05/06/86	90,420	60,395	1.50	APR 86	43,200	64,677
04/29/86 - 06/03/86	54,770	50,432	1.09	MAY 86	44,640	48,480
05/27/86 - 07/01/86	146,470	50,386	2.91	JUN 86	43,200	125,581

TOTALS:

09/24/85 - 07/01/86	681,760	403,349	1.69
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FLOW RATE PLOT

RECHARGE WELL # 9





NORTHWEST BOUNDARY  
RECHARGE WELL # 10

REPORT DATE: JULY 1986

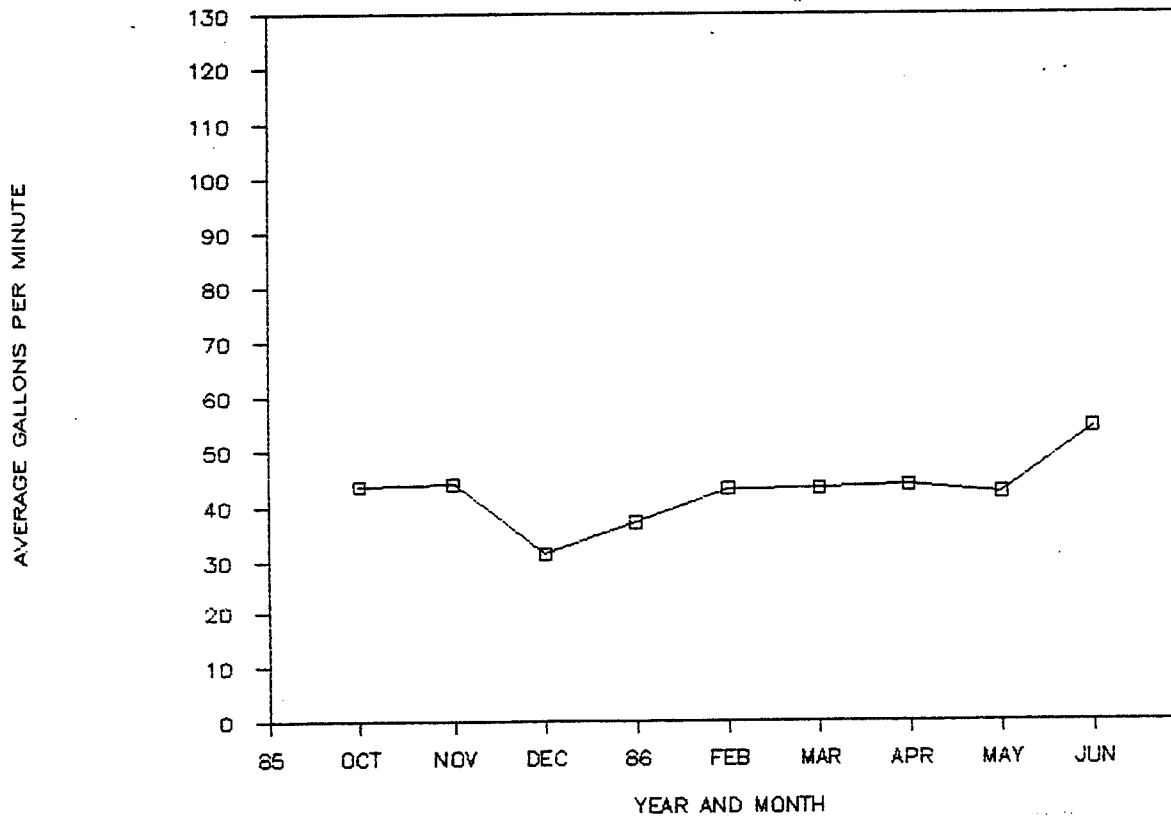
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	2,649,800	60,657	43.68	OCT 85	44,640	1,950,098
10/29/85 - 12/13/85	2,856,640	64,854	44.05	NOV 85	43,200	1,902,841
11/26/85 - 01/21/86	2,527,610	80,647	31.34	DEC 85	44,640	1,399,091
12/13/85 - 02/06/86	2,933,080	79,121	37.07	JAN 86	44,640	1,654,841
01/21/86 - 03/11/86	3,054,410	70,660	43.23	FEB 86	40,320	1,742,907
02/27/86 - 04/01/86	2,067,850	47,728	43.33	MAR 86	44,640	1,934,060
03/25/86 - 05/06/86	2,643,820	60,357	43.80	APR 86	43,200	1,892,291
04/29/86 - 06/03/86	2,144,260	50,431	42.52	MAY 86	44,640	1,898,034
05/27/86 - 07/01/86	2,742,860	50,387	54.44	JUN 86	43,200	2,351,630

TOTALS:

09/24/85 - 07/01/86    17,310,350    403,307    42.92

### FLOW RATE PLOT

RECHARGE WELL # 10



NORTHWEST BOUNDARY  
RECHARGE WELL # 11

REPORT DATE: JULY 1986

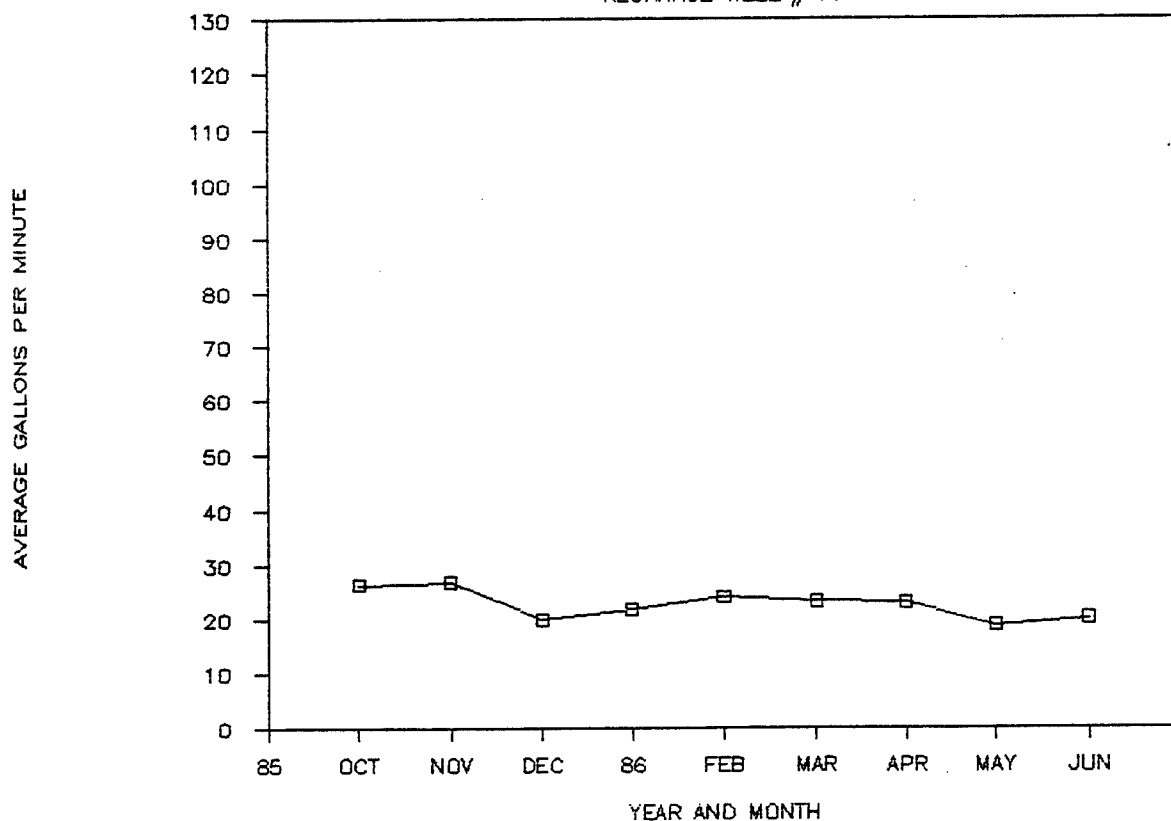
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	1,594,230	60,697	26.27	OCT 85	44,640	1,172,487
10/29/85 - 12/13/85	1,740,670	64,894	26.82	NOV 85	43,200	1,158,766
11/26/85 - 01/21/86	1,609,980	80,648	19.96	DEC 85	44,640	891,151
12/13/85 - 02/06/86	1,715,980	79,123	21.69	JAN 86	44,640	968,130
01/21/86 - 03/11/86	1,694,990	70,657	23.99	FEB 86	40,320	967,236
02/27/86 - 04/01/86	1,104,930	47,727	23.15	MAR 86	44,640	1,033,463
03/25/86 - 05/06/86	1,386,070	60,400	22.95	APR 86	43,200	991,361
04/29/86 - 06/03/86	949,650	50,428	18.83	MAY 86	44,640	840,652
05/27/86 - 07/01/86	1,007,470	50,387	19.99	JUN 86	43,200	863,769

TOTALS:

09/24/85 - 07/01/86      9,227,810    403,384      22.88

### FLOW RATE PLOT

RECHARGE WELL # 11



NORTHWEST BOUNDARY  
RECHARGE WELL # 12

REPORT DATE: JULY 1986

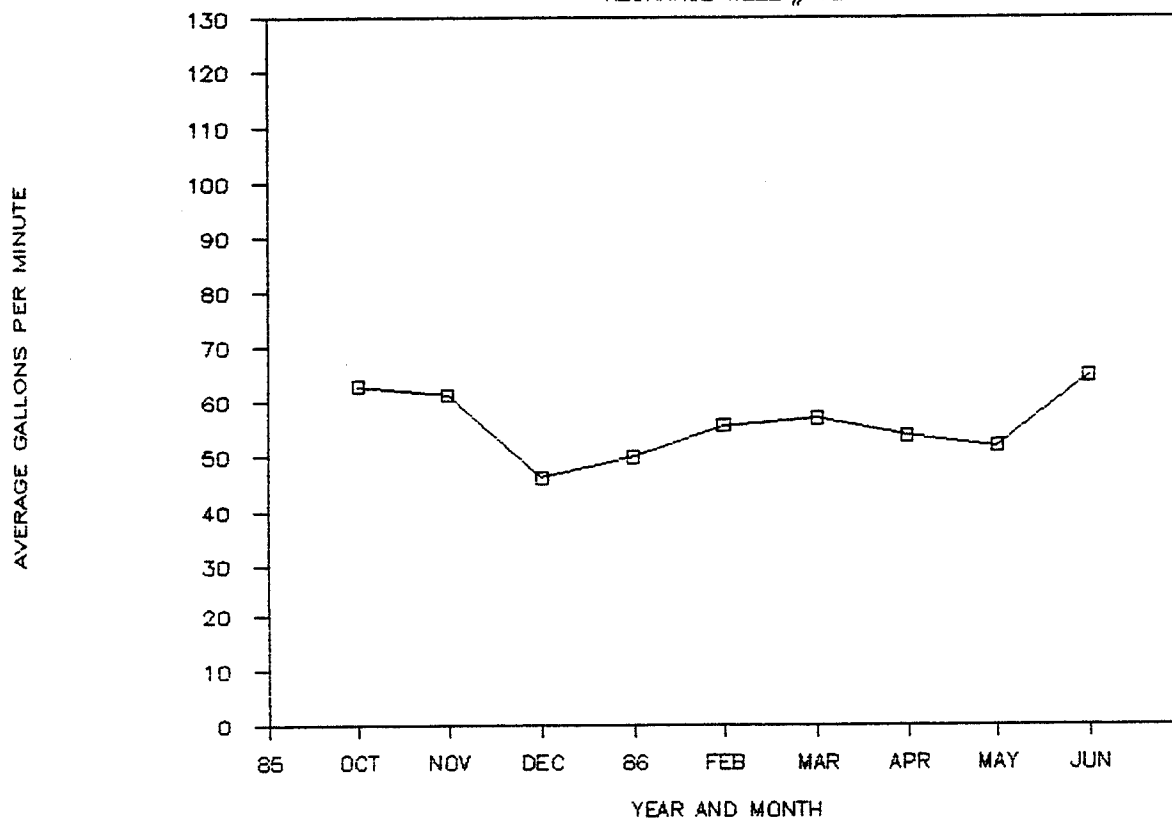
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	3,820,620	60,695	62.95	OCT 85	44,640	2,809,992
10/29/85 - 12/13/85	3,983,550	64,895	61.38	NOV 85	43,200	2,651,812
11/26/85 - 01/21/86	3,735,250	80,649	46.31	DEC 85	44,640	2,067,497
12/13/85 - 02/06/86	3,957,270	79,124	50.01	JAN 86	44,640	2,232,604
01/21/86 - 03/11/86	3,933,920	70,656	55.68	FEB 86	40,320	2,244,900
02/27/86 - 04/01/86	2,722,680	47,727	57.05	MAR 86	44,640	2,546,576
03/25/86 - 05/06/86	3,251,530	60,402	53.83	APR 86	43,200	2,325,521
04/29/86 - 06/03/86	2,616,950	50,427	51.90	MAY 86	44,640	2,316,629
05/27/86 - 07/01/86	3,265,530	50,391	64.80	JUN 86	43,200	2,799,526

TOTALS:

09/24/85 - 07/01/86    22,582,120    403,384    55.98

FLOW RATE PLOT

RECHARGE WELL # 12



NORTHWEST BOUNDARY  
RECHARGE WELL # 15

REPORT DATE: JULY 1986

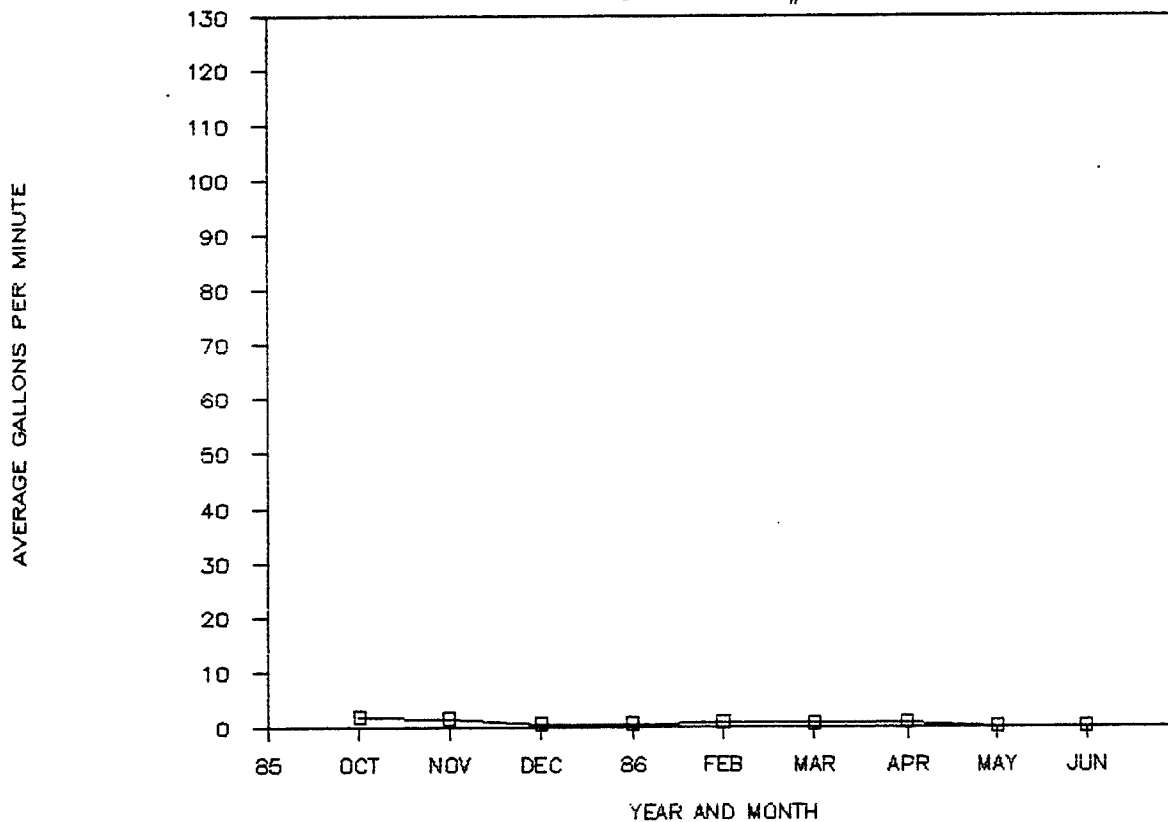
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	109,240	60,653	1.80	OCT 85	44,640	80,400
10/29/85 - 12/13/85	102,490	64,856	1.58	NOV 85	43,200	68,268
11/26/85 - 01/21/86	49,230	80,693	0.61	DEC 85	44,640	27,234
12/13/85 - 02/06/86	47,830	79,127	0.60	JAN 86	44,640	26,984
01/21/86 - 03/11/86	58,060	70,609	0.82	FEB 86	40,320	33,154
02/27/86 - 04/01/86	34,740	47,725	0.73	MAR 86	44,640	32,494
03/25/86 - 05/06/86	48,670	60,410	0.81	APR 86	43,200	34,805
04/29/86 - 06/03/86	6,130	50,421	0.12	MAY 86	44,640	5,427
05/27/86 - 07/01/86	4,170	50,397	0.08	JUN 86	43,200	3,574

TOTALS:

09/24/85 - 07/01/86      344,340    403,340      0.85

FLOW RATE PLOT

RECHARGE WELL # 15



NORTHWEST BOUNDARY  
RECHARGE WELL # 16

REPORT DATE: JULY 1986

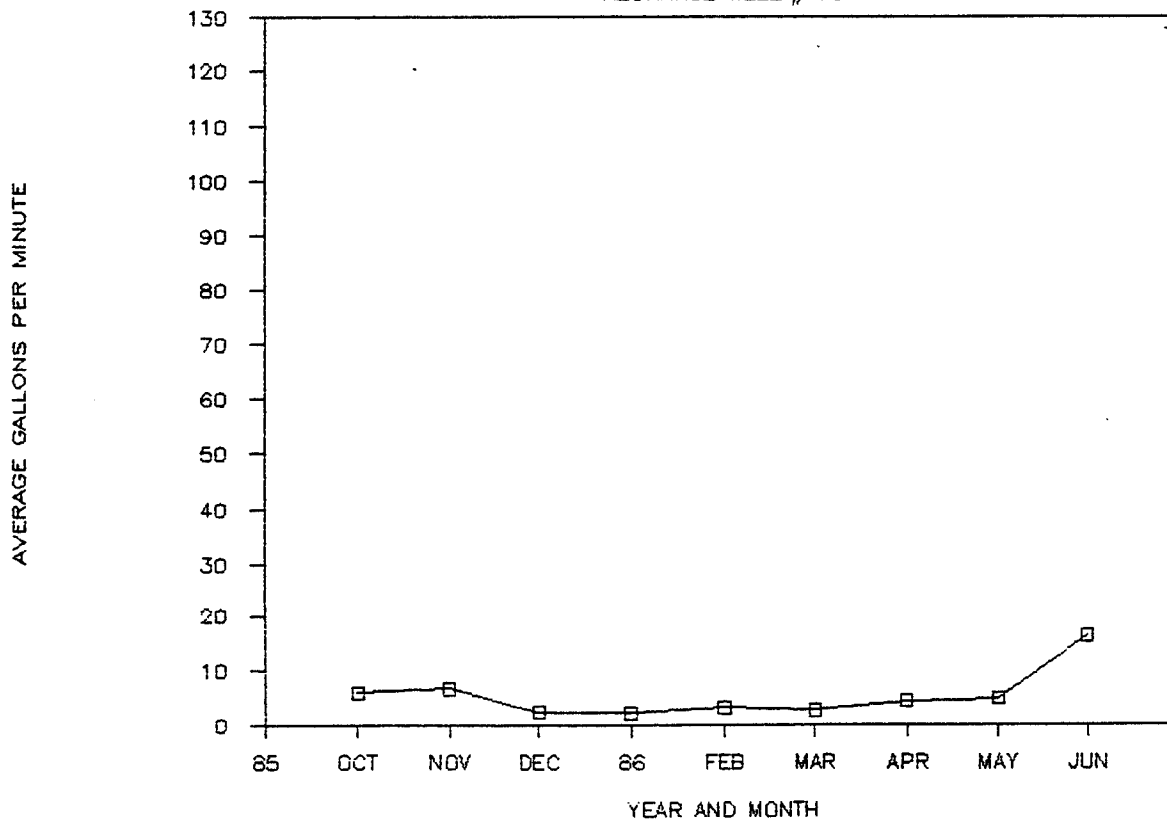
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	360,260	60,652	5.94	OCT 85	44,640	265,152
10/29/85 - 12/13/85	432,060	64,896	6.66	NOV 85	43,200	287,614
11/26/85 - 01/21/86	186,300	80,694	2.31	DEC 85	44,640	103,061
12/13/85 - 02/06/86	171,570	79,088	2.17	JAN 86	44,640	96,840
01/21/86 - 03/11/86	224,830	70,607	3.18	FEB 86	40,320	128,389
02/27/86 - 04/01/86	127,530	47,724	2.67	MAR 86	44,640	119,289
03/25/86 - 05/06/86	264,910	60,412	4.39	APR 86	43,200	189,434
04/29/86 - 06/03/86	240,190	50,420	4.76	MAY 86	44,640	212,655
05/27/86 - 07/01/86	812,040	50,399	16.11	JUN 86	43,200	696,048

TOTALS:

09/24/85 - 07/01/86      2,238,520    403,339      5.55

FLOW RATE PLOT

RECHARGE WELL # 16



NORTHWEST BOUNDARY  
RECHARGE WELL # 17

REPORT DATE: JULY 1986

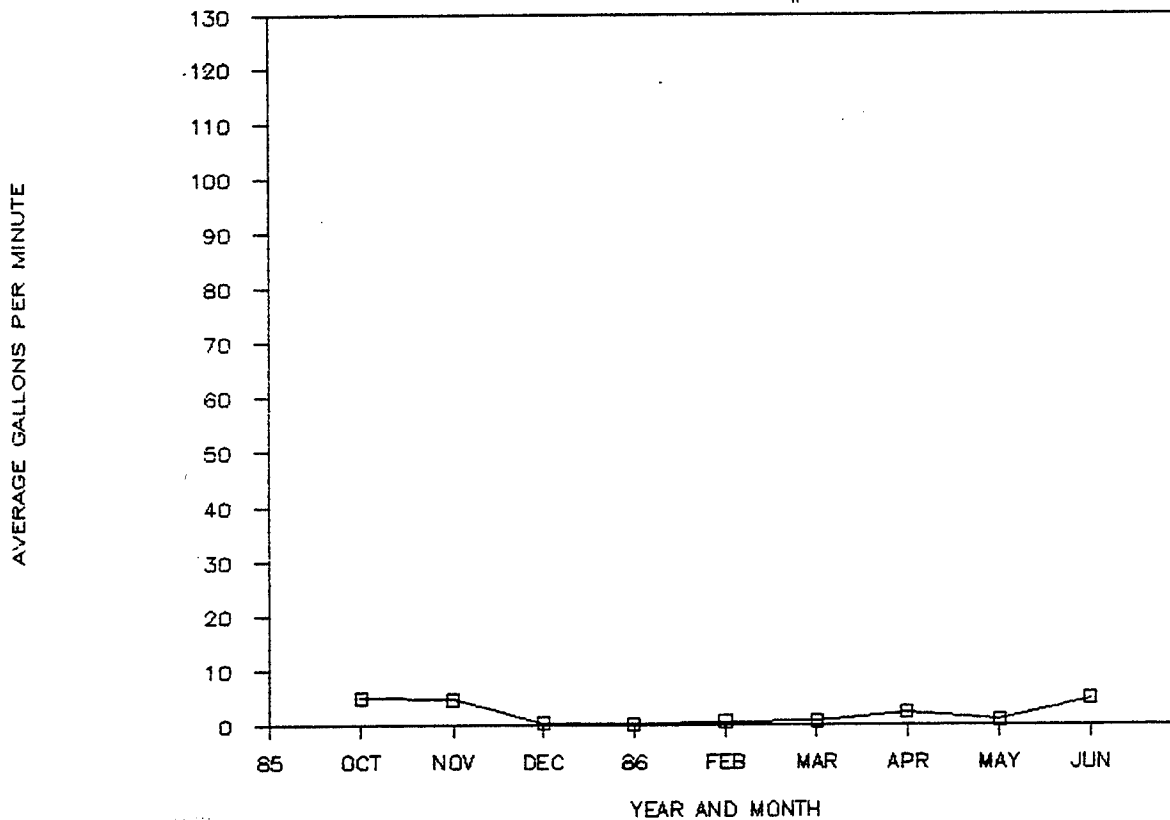
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	301,800	60,650	4.98	OCT 85	44,640	222,133
10/29/85 - 12/13/85	301,150	64,897	4.64	NOV 85	43,200	200,467
11/26/85 - 01/21/86	29,620	80,695	0.37	DEC 85	44,640	16,386
12/13/85 - 02/06/86	15,750	79,090	0.20	JAN 86	44,640	8,890
01/21/86 - 03/11/86	41,290	70,604	0.58	FEB 86	40,320	23,580
02/27/86 - 04/01/86	36,060	47,723	0.76	MAR 86	44,640	33,730
03/25/86 - 05/06/86	139,450	60,415	2.31	APR 86	43,200	99,714
04/29/86 - 06/03/86	46,370	50,418	0.92	MAY 86	44,640	41,056
05/27/86 - 07/01/86	242,520	50,400	4.81	JUN 86	43,200	207,874

TOTALS:

09/24/85 - 07/01/86	977,790	403,337	2.42
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FLOW RATE PLOT

RECHARGE WELL # 17



NORTHWEST BOUNDARY  
RECHARGE WELL # 18

REPORT DATE: JULY 1986

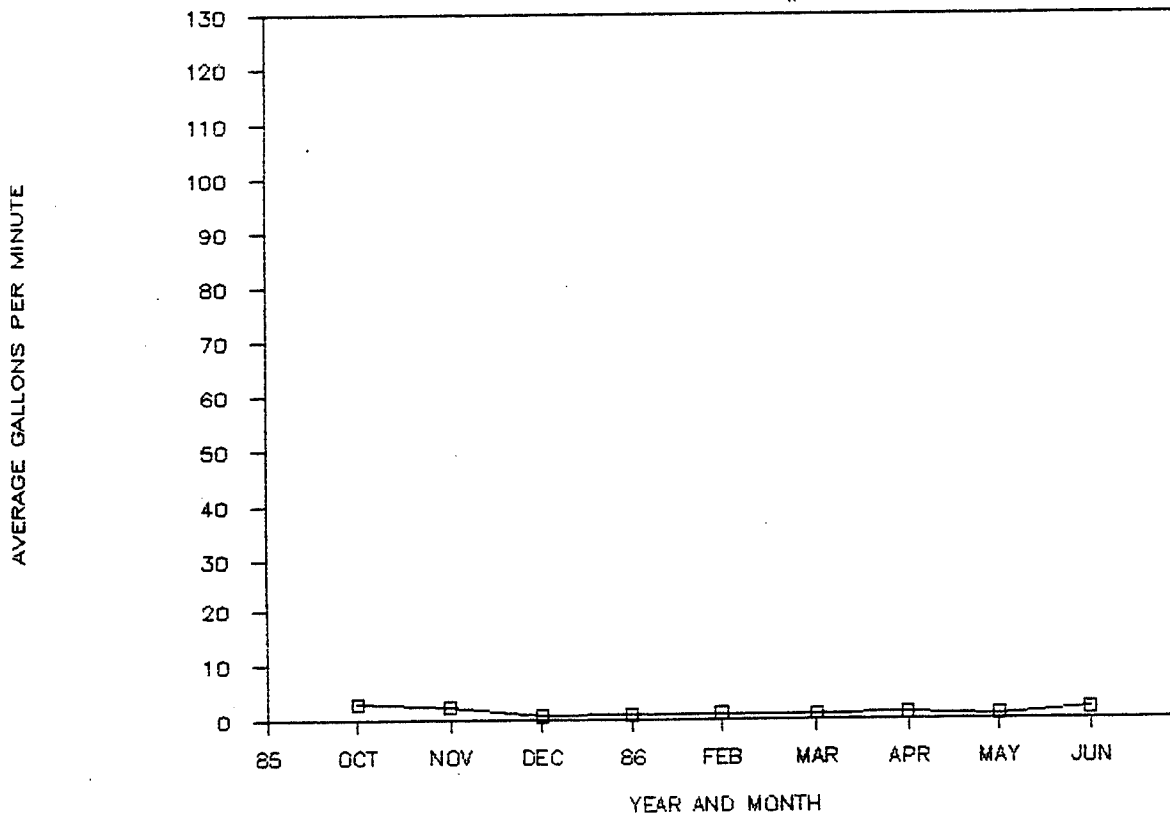
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	175,270	60,650	2.89	OCT 85	44,640	129,003
10/29/85 - 12/13/85	152,480	64,896	2.35	NOV 85	43,200	101,503
11/26/85 - 01/21/86	56,600	80,657	0.70	DEC 85	44,640	31,326
12/13/85 - 02/06/86	74,250	79,131	0.94	JAN 86	44,640	41,886
01/21/86 - 03/11/86	74,900	70,642	1.06	FEB 86	40,320	42,750
02/27/86 - 04/01/86	50,270	47,723	1.05	MAR 86	44,640	47,022
03/25/86 - 05/06/86	70,300	60,417	1.16	APR 86	43,200	50,267
04/29/86 - 06/03/86	43,860	50,417	0.87	MAY 86	44,640	38,834
05/27/86 - 07/01/86	94,520	50,402	1.88	JUN 86	43,200	81,014

TOTALS:

09/24/85 - 07/01/86      593,870    403,375      1.47

FLOW RATE PLOT

RECHARGE WELL # 18



NORTHWEST BOUNDARY  
RECHARGE WELL # 19

REPORT DATE: JULY 1986

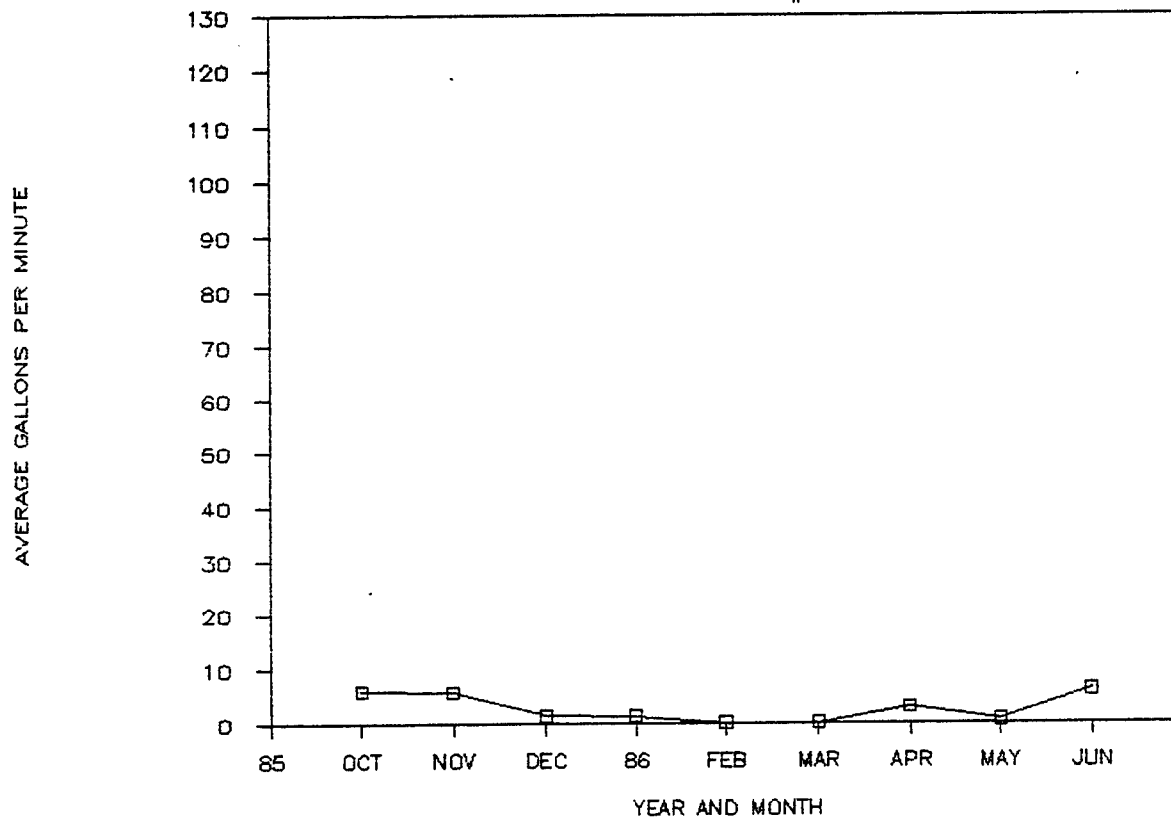
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	362,500	60,650	5.98	OCT 85	44,640	266,810
10/29/85 - 12/13/85	376,100	64,896	5.80	NOV 85	43,200	250,362
11/26/85 - 01/21/86	120,700	80,656	1.50	DEC 85	44,640	66,803
12/13/85 - 02/06/86	106,900	79,133	1.35	JAN 86	44,640	60,304
01/21/86 - 03/11/86	9,200	70,640	0.13	FEB 86	40,320	5,251
02/27/86 - 04/01/86	5,900	47,722	0.12	MAR 86	44,640	5,519
03/25/86 - 05/06/86	182,000	60,420	3.01	APR 86	43,200	130,129
04/29/86 - 06/03/86	35,200	50,415	0.70	MAY 86	44,640	31,168
05/27/86 - 07/01/86	308,000	50,404	6.11	JUN 86	43,200	263,979

TOTALS:

09/24/85 - 07/01/86      1,229,700    403,374      3.05

### FLOW RATE PLOT

RECHARGE WELL # 19





NORTHWEST BOUNDARY  
RECHARGE WELL # 20

REPORT DATE: JULY 1986

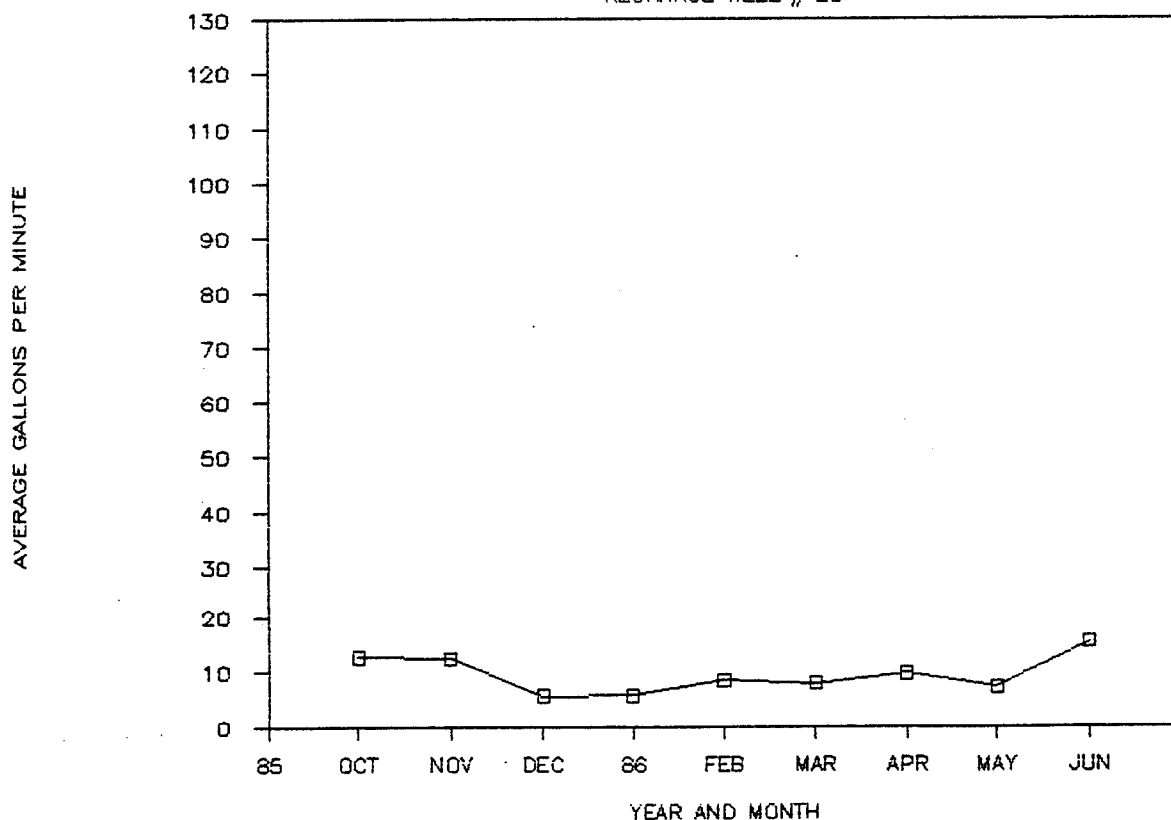
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	769,570	60,650	12.69	OCT 85	44,640	566,424
10/29/85 - 12/13/85	807,160	64,896	12.44	NOV 85	43,200	537,311
11/26/85 - 01/21/86	446,210	80,655	5.53	DEC 85	44,640	246,963
12/13/85 - 02/06/86	448,780	79,134	5.67	JAN 86	44,640	253,160
01/21/86 - 03/11/86	599,070	70,638	8.48	FEB 86	40,320	341,948
02/27/86 - 04/01/86	372,100	47,723	7.80	MAR 86	44,640	348,062
03/25/86 - 05/06/86	582,480	60,422	9.64	APR 86	43,200	416,457
04/29/86 - 06/03/86	362,520	50,415	7.19	MAY 86	44,640	320,994
05/27/86 - 07/01/86	773,170	50,445	15.33	JUN 86	43,200	662,126

TOTALS:

09/24/85 - 07/01/86    3,935,560    403,412    9.76

FLOW RATE PLOT

RECHARGE WELL # 20



NORTHWEST BOUNDARY  
RECHARGE WELL # 21

REPORT DATE: JULY 1986

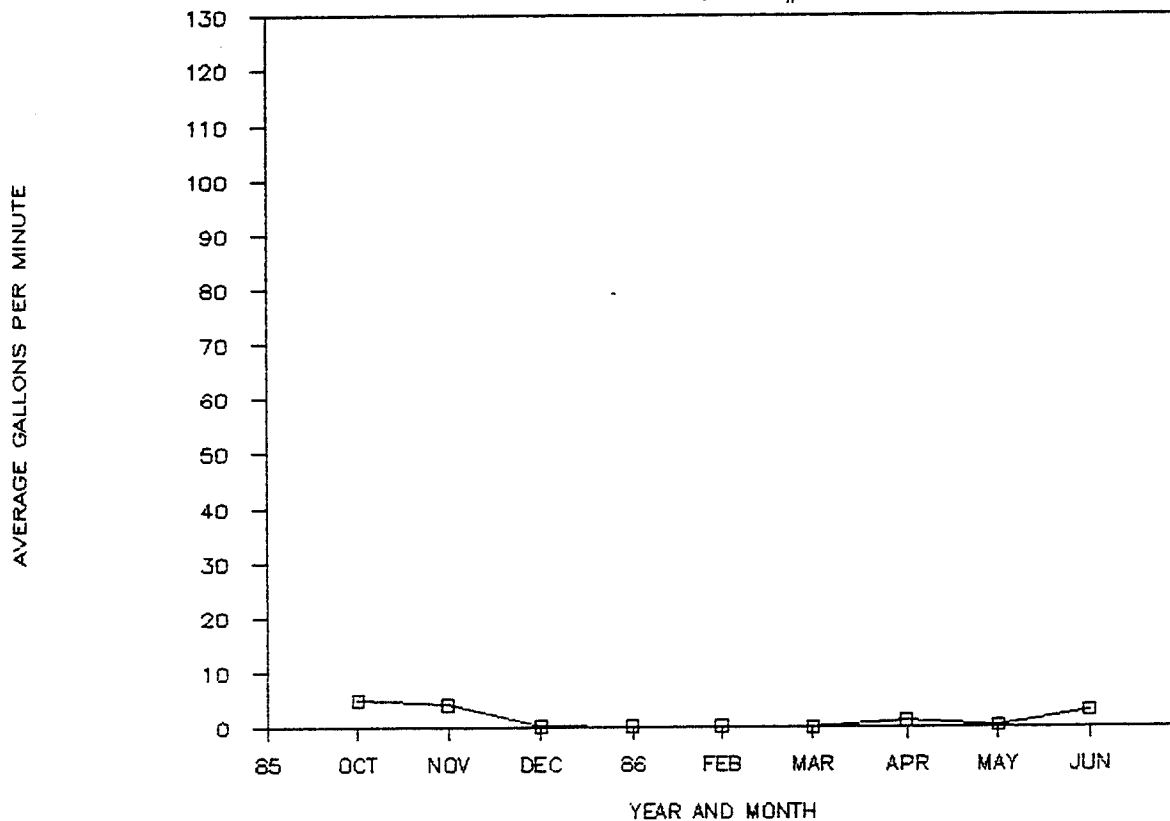
TIME SPAN	TOTAL GALLONS	TOTAL MINUTES	AVE GAL PER MIN	DATE	MINUTES PER MON	EST GAL PER MON
09/24/85 - 11/05/85	296,410	60,650	4.89	OCT 85	44,640	218,166
10/29/85 - 12/13/85	269,970	64,855	4.16	NOV 85	43,200	179,827
11/26/85 - 01/21/86	20,090	80,655	0.25	DEC 85	44,640	11,119
12/13/85 - 02/06/86	12,000	79,135	0.15	JAN 86	44,640	6,769
01/21/86 - 03/11/86	3,270	70,635	0.05	FEB 86	40,320	1,867
02/27/86 - 04/01/86	1,340	47,725	0.03	MAR 86	44,640	1,253
03/25/86 - 05/06/86	72,910	60,425	1.21	APR 86	43,200	52,126
04/29/86 - 06/03/86	16,020	50,455	0.32	MAY 86	44,640	14,174
05/27/86 - 07/01/86	149,290	50,407	2.96	JUN 86	43,200	127,945

TOTALS:

09/24/85 - 07/01/86	699,240	403,372	1.73
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FLOW RATE PLOT

RECHARGE WELL # 21



## SECTION 2

## Section 2

### Meter Readings

The abbreviations used in the printout of meter readings are explained below.

**WELL NUMBER** or **ABSORBER** is the identifier.

**DATE** is in month, day then year format.

**TIME** is the time of day the meter was read based on a 24 hour clock.

**TOTAL MINUTES** corresponds to the number of minutes that have elapsed from the previous meter reading to the present meter reading.

**TENS METER** corresponds to the reading taken from the meter which measures in tens of gallons.

**HUNDREDS METER** corresponds to the reading taken from the meter which measures in hundreds of gallons.

**TOTAL GALLONS** for the wells is determined by adding the 10's meter and 100's meter readings together and subtracting the total for the previous meter readings from the total for the current meter readings.

**TOTAL GALLONS** for the adsorbers is determined by subtracting the previous meter reading from the current meter reading.

**NOTES** correspond to comments recorded by RMA or RIC personnel.

ADSORBER METER READINGS

## NORTHWEST BOUNDARY ADSORBERS

ADS.	DATE	TIME	TOTAL MINUTES	METER	TOTAL GALLONS	NOTES
1	10/01/85	8:00	0	111,267	0	
	10/02/85	8:00	1,440	111,267	0	PLANT DOWN
	10/03/85	8:00	1,440	111,271	4,000	
	10/04/85	8:00	1,440	111,278	7,000	
	10/05/85	8:00	1,440	111,281	3,000	
	10/06/85	8:00	1,440	111,326	45,000	
	10/07/85	8:00	1,440	111,519	193,000	
	10/08/85	8:00	1,440	111,587	68,000	
	10/09/85	8:00	1,440	111,651	64,000	
	10/10/85	8:00	1,440	111,843	192,000	
	10/11/85	8:00	1,440	112,129	286,000	
	10/12/85	8:00	1,440	112,163	34,000	
	10/13/85	8:00	1,440	112,163	0	DOWN
	10/14/85	8:00	1,440	112,163	0	DOWN
	10/15/85	8:00	1,440	112,163	0	DOWN TIL 1100
	10/16/85	8:00	1,440	112,362	199,000	
	10/17/85	8:00	1,440	112,457	95,000	
	10/18/85	8:00	1,440	112,846	389,000	
	10/19/85	8:00	1,440	113,283	437,000	
	10/20/85	8:00	1,440	113,714	431,000	
	10/21/85	8:00	1,440	114,132	418,000	
	10/22/85	8:00	1,440	114,593	461,000	
	10/23/85	8:00	1,440	115,057	464,000	
	10/24/85	8:00	1,440	115,501	444,000	
	10/25/85	8:00	1,440	115,960	459,000	
	10/26/85	8:00	1,440	116,452	492,000	
	10/27/85	8:00	1,440	116,936	484,000	
	10/28/85	8:00	1,500	117,382	446,000	
	10/29/85	8:00	1,440	117,843	461,000	
	10/30/85	8:00	1,440	118,296	453,000	
	10/31/85	8:00	1,440	118,758	462,000	
	11/01/85	8:00	1,440	119,212	454,000	
	11/02/85	8:00	1,440	119,693	481,000	
	11/03/85	8:00	1,440	120,153	460,000	
	11/04/85	8:00	1,440	120,589	436,000	
	11/05/85	8:00	1,440	121,041	452,000	
	11/06/85	8:00	1,440	121,509	468,000	
	11/07/85	8:00	1,440	121,978	469,000	
	11/08/85	8:00	1,440	122,081	103,000	PLANT UNSTABLE
	11/12/85	8:00	5,760	122,768	687,000	
	11/13/85	8:00	1,440	123,121	353,000	
	11/14/85	7:30	1,410	123,538	417,000	
	11/15/85	8:00	1,470	124,017	479,000	
	11/18/85	7:45	4,265	125,420	1,403,000	
	11/19/85	8:30	1,485	125,834	414,000	
	11/20/85	8:00	1,410	126,229	395,000	
	11/21/85	8:00	1,440	126,611	382,000	
	11/22/85	7:30	1,410	126,989	378,000	
	11/23/85	9:30	1,560	127,406	417,000	
	11/24/85	10:15	1,485	127,801	395,000	
	11/25/85	7:30	1,275	128,142	341,000	
	11/26/85	7:30	1,440	128,541	399,000	

## NORTHWEST BOUNDARY ADSORBERS

ADS.	DATE	TIME	TOTAL MINUTES	METER	TOTAL GALLONS	NOTES
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1	11/27/85	7:30	1,440	128,927	386,000	PLANT DOWN 9.5 HRS
	11/29/85	7:30	2,880	129,031	104,000	PLANT DOWN 24 HRS
	11/30/85	8:30	1,500	129,031	0	PLANT DOWN 24 HRS
	12/01/85	8:00	1,410	129,111	80,000	
	12/02/85	7:30	1,410	129,180	69,000	
	12/03/85	8:00	1,470	129,446	266,000	
	12/04/85	8:00	1,440	129,724	278,000	
	12/05/85	7:30	1,410	129,999	275,000	
	12/06/85	8:00	1,470	130,278	279,000	
	12/07/85	9:00	1,500	130,553	275,000	
	12/08/85	9:00	1,440	130,784	231,000	
	12/09/85	9:30	1,470	131,029	245,000	
	12/10/85	14:40	1,750	131,309	280,000	
	12/11/85	8:15	1,055	131,478	169,000	
	12/12/85	15:30	1,875	131,774	296,000	
	12/13/85	9:00	1,050	131,936	162,000	
	12/14/85	9:00	1,440	132,166	230,000	
	12/15/85	9:00	1,440	132,381	215,000	
	12/16/85	8:00	1,380	132,589	208,000	
	12/17/85	8:00	1,440	132,809	220,000	
	12/18/85	8:00	1,440	133,031	222,000	PLANT DOWN 14 HRS
	12/19/85	8:00	1,440	133,044	13,000	PLANT DOWN 8 HRS
	12/20/85	7:30	1,410	133,044	70,000	BAD METER, FLOW EST.
	12/21/85	9:00	1,530	133,044	188,000	BAD METER, FLOW EST.
	12/22/85	9:00	1,440	133,044	170,000	BAD METER, FLOW EST.
	12/23/85	7:30	1,350	133,044	155,000	BAD METER, FLOW EST.
	12/24/85	8:00	1,470	133,044	205,000	BAD METER, FLOW EST.
	12/28/85	8:30	5,790	133,044	300,000	BAD METER, FLOW EST.
	12/29/85	9:00	1,470	133,044	290,000	BAD METER, FLOW EST.
	12/30/85	8:00	1,380	133,044	240,000	BAD METER, FLOW EST.
	12/31/85	8:00	1,440	133,044	325,000	BAD METER, FLOW EST.
	01/02/86	8:00	2,880	133,044	250,000	BAD METER, FLOW EST.
	01/03/86	10:45	1,605	133,046	0	PLANT DOWN 10.75 HRS
	01/04/86	8:00	1,275	133,046	150,000	BAD METER, FLOW EST.
	01/05/86	9:00	1,500	133,046	100,000	BAD METER, FLOW EST.
	01/06/86	7:30	1,350	133,046	20,000	TAKEN OUT OF SERVICE
	01/07/86	8:00	1,470	133,046	0	DOWN FOR MAINT.
	01/08/86	7:30	1,410	133,046	150,000	PLANT DOWN 15.3 HRS
	01/09/86	7:30	1,440	133,046	6,000	PLANT DOWN 10 HRS
	01/10/86	7:30	1,440	133,046	4,000	PLANT DOWN 8.8 HRS
	01/11/86	8:00	1,470	141,841	13,000	METER SWITCHED W/#3
	01/12/86	9:00	1,500	141,945	104,000	
	01/13/86	7:30	1,350	142,075	130,000	
	01/14/86	7:45	1,455	142,254	179,000	
	01/15/86	7:45	1,440	142,489	235,000	
	01/16/86	8:00	1,495	142,884	395,000	NO SHEET, METER EST.
	01/17/86	7:15	1,395	143,333	449,000	
	01/18/86	9:00	1,545	143,808	475,000	
	01/19/86	9:00	1,440	144,268	460,000	
	01/20/86	9:00	1,440	144,717	449,000	
	01/21/86	8:00	1,380	145,145	428,000	
	01/22/86	9:00	1,500	145,602	457,000	

## NORTHWEST BOUNDARY ADSORBERS

ADS.	DATE	TIME	TOTAL MINUTES	METER	TOTAL GALLONS	NOTES
1	01/23/86	8:00	1,380	146,023	421,000	
	01/24/86	8:00	1,440	146,204	181,000	
	01/25/86	8:00	1,440	146,483	279,000	
	01/26/86	9:00	1,500	146,751	268,000	
	01/27/86	8:00	1,380	147,019	268,000	
	01/28/86	8:00	1,440	147,266	247,000	
	01/29/86	8:00	1,440	147,438	172,000	
	01/30/86	8:00	1,440	147,685	247,000	
	01/31/86	8:00	1,440	147,969	284,000	
	02/01/86	9:00	1,500	148,287	318,000	
	02/02/86	9:00	1,440	148,578	291,000	
	02/03/86	8:00	1,380	148,866	288,000	
	02/04/86	8:00	1,440	149,163	297,000	
	02/05/86	8:00	1,440	149,517	354,000	
	02/06/86	8:00	1,440	149,910	393,000	
	02/07/86	8:00	1,440	150,347	437,000	
	02/08/86	9:00	1,500	150,809	462,000	
	02/09/86	9:00	1,440	151,252	443,000	
	02/10/86	8:00	1,380	151,600	348,000	PLANT DOWN 2 HRS
	02/11/86	8:00	1,440	151,844	244,000	
	02/12/86	8:00	1,440	152,143	299,000	
	02/13/86	8:00	1,440	152,454	311,000	
	02/14/86	8:00	1,440	152,807	353,000	
	02/15/86	8:00	1,440	153,217	410,000	
	02/16/86	9:00	1,500	153,658	441,000	
	02/17/86	8:00	1,380	154,062	404,000	
	02/18/86	8:00	1,440	154,483	421,000	
	02/19/86	8:00	1,440	154,923	440,000	
	02/20/86	8:00	1,440	155,384	461,000	
	02/21/86	8:00	1,440	155,798	414,000	
	02/22/86	9:00	1,500	156,231	433,000	
	02/23/86	9:00	1,440	156,645	414,000	
	02/24/86	8:30	1,410	157,058	413,000	
	02/25/86	8:00	1,410	157,467	409,000	
	02/26/86	8:00	1,440	157,887	420,000	
	02/27/86	8:00	1,440	158,322	435,000	
	02/28/86	8:00	1,440	158,707	385,000	
	03/01/86	9:00	1,500	159,045	338,000	
	03/02/86	9:00	1,440	159,369	324,000	
	03/03/86	8:30	1,410	159,663	294,000	
	03/04/86	8:00	1,410	159,944	281,000	NO READING/METER EST
	03/05/86	8:00	1,440	159,944	0	PLANT DOWN
	03/06/86	8:00	1,440	159,944	0	PLANT DOWN
	03/07/86	8:00	1,440	159,947	3,000	PLANT DOWN 4 HRS
	03/08/86	8:00	1,440	159,947	200,000	BAD METER, FLOW EST.
	03/09/86	9:00	1,500	159,947	200,000	BAD METER, FLOW EST.
	03/10/86	8:00	1,380	159,947	260,000	BAD METER, FLOW EST.
	03/11/86	8:00	1,440	159,947	312,000	BAD METER, FLOW EST.
	03/12/86	8:00	1,440	159,947	312,000	BAD METER, FLOW EST.
	03/13/86	8:00	1,440	159,947	312,000	BAD METER, FLOW EST.
	03/14/86	8:00	1,440	159,947	312,000	BAD METER, FLOW EST.
	03/15/86	10:00	1,560	159,947	338,000	BAD METER, FLOW EST.



## NORTHWEST BOUNDARY ADSORBERS

ADS.	DATE	TIME	TOTAL MINUTES	METER	TOTAL GALLONS	NOTES
1	03/16/86	8:00	1,320	159,947	286,000	BAD METER, FLOW EST.
	03/17/86	9:00	1,500	159,947	325,000	BAD METER, FLOW EST.
	03/18/86	9:00	1,440	159,947	312,000	BAD METER, FLOW EST.
	03/19/86	9:00	1,440	159,947	312,000	BAD METER, FLOW EST.
	03/20/86	9:00	1,440	159,947	312,000	BAD METER, FLOW EST.
	03/21/86	8:00	1,380	159,947	299,000	BAD METER, FLOW EST.
	03/22/86	9:00	1,500	159,947	325,000	BAD METER, FLOW EST.
	03/23/86	9:10	1,450	159,947	308,000	BAD METER, FLOW EST.
	03/24/86	8:30	1,400	159,947	303,000	BAD METER, FLOW EST.
	03/25/86	8:00	1,410	159,947	305,000	BAD METER, FLOW EST.
	03/26/86	8:00	1,440	159,947	312,000	BAD METER, FLOW EST.
	03/27/86	9:00	1,500	159,947	325,000	BAD METER, FLOW EST.
	03/28/86	9:00	1,440	159,947	312,000	BAD METER, FLOW EST.
	03/29/86	9:00	1,440	159,947	312,000	BAD METER, FLOW EST.
	03/30/86	9:00	1,440	159,947	312,000	BAD METER, FLOW EST.
	03/31/86	9:00	1,440	159,947	312,000	BAD METER, FLOW EST.
	04/01/86	8:30	1,410	159,947	260,000	BAD METER, FLOW EST.
	04/02/86	8:30	1,440	159,947	260,000	BAD METER, FLOW EST.
	04/08/86	9:00	8,670	159,947	140,000	BAD METER, FLOW EST.
	04/09/86	8:00	1,380	159,947	20,000	BAD METER, FLOW EST.
	04/10/86	8:30	1,470	159,947	200,000	BAD METER, FLOW EST.
	04/11/86	8:00	1,410	159,947	200,000	BAD METER, FLOW EST.
	04/12/86	8:00	1,440	159,947	200,000	BAD METER, FLOW EST.
	04/13/86	9:00	1,500	159,947	200,000	BAD METER, FLOW EST.
	04/14/86	9:00	1,440	159,947	312,000	BAD METER, FLOW EST.
	04/15/86	8:30	1,410	159,947	306,000	BAD METER, FLOW EST.
	04/16/86	8:30	1,440	159,947	312,000	BAD METER, FLOW EST.
	04/17/86	8:00	1,410	160,230	283,000	
	04/18/86	8:30	1,470	160,678	448,000	
	04/19/86	7:00	1,350	161,147	469,000	
	04/20/86	9:00	1,560	161,623	476,000	
	04/21/86	8:30	1,410	162,080	457,000	
	04/22/86	9:30	1,500	162,560	480,000	
	04/23/86	8:30	1,380	162,982	422,000	
	04/24/86	8:00	1,410	163,381	399,000	
	04/25/86	8:00	1,440	163,782	401,000	
	04/26/86	7:00	1,380	164,179	397,000	
	04/27/86	9:00	1,560	164,600	421,000	
	04/28/86	9:00	1,380	164,996	396,000	
	04/29/86	10:00	1,500	165,414	418,000	
	04/30/86	10:00	1,440	165,828	414,000	
	05/01/86	9:30	1,410	166,229	401,000	
	05/02/86	9:00	1,410	166,629	400,000	
	05/03/86	7:00	1,320	167,051	422,000	
	05/04/86	9:00	1,560	167,420	369,000	
	05/05/86	9:00	1,440	167,847	427,000	
	05/06/86	9:00	1,440	167,963	116,000	PLANT DOWN 16HRS
	05/07/86	9:00	1,440	168,384	421,000	
	05/08/86	9:15	1,455	168,812	428,000	
	05/09/86	9:15	1,440	169,232	420,000	
	05/10/86	7:30	1,335	169,631	399,000	
	05/11/86	8:30	1,500	170,083	452,000	

## NORTHWEST BOUNDARY ADSORBERS

ADS.	DATE	TIME	TOTAL MINUTES	METER	TOTAL GALLONS	NOTES
1	05/12/86	9:30	1,500	170,521	438,000	
	05/13/86	9:30	1,440	170,947	426,000	
	05/14/86	9:30	1,440	171,301	354,000	
	05/15/86	9:00	1,410	171,721	420,000	
	05/16/86	8:30	1,410	172,141	420,000	PLANT DOWN 3 HRS.
	05/17/86	7:30	1,380	172,505	364,000	
	05/18/86	8:30	1,500	172,653	148,000	PLANT DOWN
	05/19/86	8:30	1,440	172,653	0	PLANT DOWN
	05/20/86	9:15	1,485	172,653	0	PLANT DOWN
	05/21/86	9:30	1,455	172,674	21,000	PLANT DOWN TIL 0900
	05/22/86	9:00	1,410	173,070	396,000	
	05/23/86	9:00	1,440	173,222	152,000	SHUT DOWN/LOUD NOISE
	05/24/86	8:00	1,380	173,252	30,000	
	05/25/86	7:00	1,380	173,252	0	
	05/26/86	8:00	1,500	173,252	0	
	05/27/86	7:00	1,380	173,252	0	
	05/28/86	9:00	1,560	173,252	0	
	05/29/86	9:25	1,465	173,267	15,000	RESTART AT 0900
	05/30/86	7:30	1,325	173,648	381,000	
	05/31/86	9:00	1,530	174,080	432,000	
	06/01/86	8:30	1,410	174,512	432,000	
	06/02/86	9:00	1,470	174,939	427,000	
	06/03/86	12:00	1,620	175,413	474,000	
	06/04/86	10:00	1,320	175,804	391,000	
	06/05/86	8:30	1,350	176,197	393,000	
	06/06/86	8:30	1,440	176,619	422,000	
	06/07/86	9:00	1,470	177,011	392,000	
	06/08/86	8:00	1,380	177,505	494,000	
	06/09/86	8:00	1,440	178,007	502,000	
	06/10/86	10:00	1,560	178,511	504,000	
	06/11/86	9:30	1,410	178,966	455,000	
	06/12/86	9:00	1,410	179,420	454,000	
	06/13/86	8:00	1,380	179,867	447,000	
	06/14/86	9:00	1,500	180,351	484,000	
	06/15/86	10:00	1,500	180,857	506,000	
	06/16/86	9:00	1,380	181,256	399,000	
	06/17/86	8:30	1,410	181,675	419,000	
	06/18/86	9:30	1,500	182,143	468,000	
	06/19/86	8:30	1,380	182,521	378,000	
	06/20/86	9:00	1,470	182,964	443,000	
	06/21/86	9:00	1,440	183,393	429,000	
	06/22/86	9:00	1,440	183,805	412,000	
	06/23/86	8:30	1,410	184,234	429,000	
	06/24/86	8:30	1,440	184,635	401,000	
	06/25/86	8:30	1,440	185,104	469,000	
	06/26/86	9:00	1,470	185,592	488,000	
	06/27/86	7:00	1,320	185,986	394,000	PLANT DOWN 3.6 HRS
	06/28/86	9:00	1,560	186,373	387,000	
	06/29/86	8:00	1,380	186,757	384,000	
	06/30/86	9:00	1,500	187,178	421,000	
2	10/01/85	8:00	0	99,198	0	

## NORTHWEST BOUNDARY ADSORBERS

ADS.	DATE	TIME	TOTAL MINUTES	METER	TOTAL GALLONS	NOTES
2	10/02/85	8:00	1,440	99,198	0	PLANT DOWN
	10/03/85	8:00	1,440	99,203	5,000	
	10/04/85	8:00	1,440	99,238	35,000	
	10/05/85	8:00	1,440	99,278	40,000	
	10/06/85	8:00	1,440	99,435	157,000	
	10/07/85	8:00	1,440	99,692	257,000	
	10/08/85	8:00	1,440	99,769	77,000	
	10/09/85	8:00	1,440	99,866	97,000	
	10/10/85	8:00	1,440	100,069	203,000	
	10/11/85	8:00	1,440	100,369	300,000	
	10/12/85	8:00	1,440	100,406	37,000	
	10/13/85	8:00	1,440	100,452	46,000	
	10/14/85	8:00	1,440	100,463	11,000	
	10/15/85	8:00	1,440	100,463	0	DOWN TIL 0900
	10/16/85	8:00	1,440	100,675	212,000	
	10/17/85	8:00	1,440	100,753	78,000	
	10/18/85	8:00	1,440	101,155	402,000	
	10/19/85	8:00	1,440	101,621	466,000	
	10/20/85	8:00	1,440	102,083	462,000	
	10/21/85	8:00	1,440	102,529	446,000	
	10/22/85	8:00	1,440	103,012	483,000	
	10/23/85	8:00	1,440	103,502	490,000	
	10/24/85	8:00	1,440	103,972	470,000	
	10/25/85	8:00	1,440	104,461	489,000	
	10/26/85	8:00	1,440	104,981	520,000	
	10/27/85	8:00	1,440	105,494	513,000	
	10/28/85	8:00	1,500	105,966	472,000	
	10/29/85	8:00	1,440	106,451	485,000	
	10/30/85	8:00	1,440	106,929	478,000	
	10/31/85	8:00	1,440	107,418	489,000	
	11/01/85	8:00	1,440	107,899	481,000	
	11/02/85	8:00	1,440	108,406	507,000	
	11/03/85	8:00	1,440	108,893	487,000	
	11/04/85	8:00	1,440	109,353	460,000	
	11/05/85	8:00	1,440	109,831	478,000	
	11/06/85	8:00	1,440	110,327	496,000	
	11/07/85	8:00	1,440	110,821	494,000	
	11/08/85	8:00	1,440	110,933	112,000	PLANT UNSTABLE
	11/12/85	8:00	5,760	111,294	361,000	
	11/13/85	8:00	1,440	111,577	283,000	
	11/14/85	7:30	1,410	111,921	344,000	
	11/15/85	8:00	1,470	112,304	383,000	
	11/18/85	7:45	4,265	113,406	1,102,000	
	11/19/85	8:30	1,485	113,799	393,000	
	11/20/85	8:00	1,410	114,179	380,000	
	11/21/85	8:00	1,440	114,546	367,000	
	11/22/85	7:30	1,410	114,904	358,000	
	11/23/85	9:30	1,560	115,296	392,000	
	11/24/85	10:15	1,485	115,669	373,000	
	11/25/85	7:30	1,275	115,988	319,000	
	11/26/85	7:30	1,440	116,361	373,000	
	11/27/85	7:30	1,440	116,721	360,000	PLANT DOWN 9.5 HRS

## NORTHWEST BOUNDARY ADSORBERS

ADS.	DATE	TIME	TOTAL MINUTES	METER	TOTAL GALLONS	NOTES
2	11/29/85	7:30	2,880	116,817	96,000	PLANT DOWN 24 HRS
	11/30/85	8:30	1,500	116,817	0	PLANT DOWN 24 HRS
	12/01/85	8:00	1,410	116,817	85,000	BAD METER, FLOW EST.
	12/02/85	7:30	1,410	116,817	60,000	BAD METER, FLOW EST.
	12/03/85	8:00	1,470	116,817	250,000	BAD METER, FLOW EST.
	12/04/85	8:00	1,440	116,817	270,000	BAD METER, FLOW EST.
	12/05/85	7:30	1,410	116,817	260,000	BAD METER, FLOW EST.
	12/06/85	8:00	1,470	116,817	270,000	BAD METER, FLOW EST.
	12/07/85	9:00	1,500	116,817	265,000	BAD METER, FLOW EST.
	12/08/85	9:00	1,440	116,817	225,000	BAD METER, FLOW EST.
	12/09/85	9:30	1,470	116,817	240,000	BAD METER, FLOW EST.
	12/10/85	14:40	1,750	116,817	275,000	BAD METER, FLOW EST.
	12/11/85	8:15	1,055	116,817	165,000	BAD METER, FLOW EST.
	12/12/85	15:30	1,875	116,817	290,000	BAD METER, FLOW EST.
	12/13/85	9:00	1,050	116,817	160,000	BAD METER, FLOW EST.
	12/14/85	9:00	1,440	116,817	225,000	BAD METER, FLOW EST.
	12/15/85	9:00	1,440	116,817	212,000	BAD METER, FLOW EST.
	12/16/85	8:00	1,380	116,817	205,000	BAD METER, FLOW EST.
	12/17/85	8:00	1,440	116,817	218,000	BAD METER, FLOW EST.
	12/18/85	8:00	1,440	116,817	220,000	BAD METER, FLOW EST.
	12/19/85	8:00	1,440	116,817	13,000	BAD METER, FLOW EST.
	12/20/85	7:30	1,410	116,867	50,000	
	12/21/85	9:00	1,530	117,050	183,000	
	12/22/85	9:00	1,440	117,211	161,000	
	12/23/85	7:30	1,350	117,360	149,000	
	12/24/85	8:00	1,470	117,559	199,000	PLANT DOWN 11.7 HRS
	12/28/85	8:30	5,790	117,819	260,000	
	12/29/85	9:00	1,470	118,064	245,000	
	12/30/85	8:00	1,380	118,257	193,000	
	12/31/85	8:00	1,440	118,551	294,000	
	01/02/86	8:00	2,880	118,586	35,000	PLANT DOWN 16 HRS
	01/03/86	10:45	1,605	118,586	0	PLANT DOWN 10.75 HRS
	01/04/86	8:00	1,275	118,586	150,000	BAD METER, FLOW EST.
	01/05/86	9:00	1,500	118,586	100,000	BAD METER, FLOW EST.
	01/06/86	7:30	1,350	118,586	160,000	BAD METER, FLOW EST.
	01/07/86	8:00	1,470	118,586	180,000	BAD METER, FLOW EST.
	01/08/86	7:30	1,410	118,586	150,000	BAD METER, FLOW EST.
	01/09/86	7:30	1,440	118,586	6,000	BAD METER, FLOW EST.
	01/10/86	7:30	1,440	118,590	4,000	PLANT DOWN 8.8 HRS
	01/11/86	8:00	1,470	118,590	13,000	BAD METER, FLOW EST.
	01/12/86	9:00	1,500	118,696	106,000	
	01/13/86	7:30	1,350	118,827	131,000	
	01/14/86	7:45	1,455	119,114	287,000	
	01/15/86	7:45	1,440	119,401	287,000	
	01/16/86	8:00	1,495	119,781	380,000	NO SHEET, METER EST.
	01/17/86	7:15	1,395	120,205	424,000	
	01/18/86	9:00	1,545	120,656	451,000	
	01/19/86	9:00	1,440	121,093	437,000	
	01/20/86	9:00	1,440	121,524	431,000	
	01/21/86	8:00	1,380	121,929	405,000	
	01/22/86	9:00	1,500	122,366	437,000	
	01/23/86	8:00	1,380	122,772	406,000	

## NORTHWEST BOUNDARY ADSORBERS

ADS.	DATE	TIME	TOTAL MINUTES	METER	TOTAL GALLONS	NOTES
2	01/24/86	8:00	1,440	122,920	148,000	
	01/25/86	8:00	1,440	123,152	232,000	
	01/26/86	9:00	1,500	123,391	239,000	
	01/27/86	8:00	1,380	123,633	242,000	
	01/28/86	8:00	1,440	123,666	33,000	
	01/29/86	8:00	1,440	123,666	0	ON LINE @0830
	01/30/86	8:00	1,440	123,918	252,000	
	01/31/86	8:00	1,440	124,202	284,000	
	02/01/86	9:00	1,500	124,514	312,000	
	02/02/86	9:00	1,440	124,795	281,000	
	02/03/86	8:00	1,380	125,075	280,000	
	02/04/86	8:00	1,440	125,366	291,000	
	02/05/86	8:00	1,440	125,746	380,000	
	02/06/86	8:00	1,440	126,138	392,000	
	02/07/86	8:00	1,440	126,527	389,000	
	02/08/86	9:00	1,500	126,931	404,000	
	02/09/86	9:00	1,440	127,315	384,000	
	02/10/86	8:00	1,380	127,315	380,000	BAD METER, FLOW EST.
	02/11/86	8:00	1,440	127,884	569,000	
	02/12/86	8:00	1,440	128,175	291,000	
	02/13/86	8:00	1,440	128,470	295,000	
	02/14/86	8:00	1,440	128,804	334,000	
	02/15/86	8:00	1,440	129,191	387,000	
	02/16/86	9:00	1,500	129,607	416,000	
	02/17/86	8:00	1,380	129,991	384,000	
	02/18/86	8:00	1,440	130,393	402,000	
	02/19/86	8:00	1,440	130,809	416,000	
	02/20/86	8:00	1,440	131,220	411,000	
	02/21/86	8:00	1,440	131,421	201,000	
	02/22/86	9:00	1,500	132,043	622,000	
	02/23/86	9:00	1,440	132,454	411,000	
	02/24/86	8:30	1,410	132,860	406,000	
	02/25/86	8:00	1,410	133,265	405,000	
	02/26/86	8:00	1,440	133,678	413,000	
	02/27/86	8:00	1,440	134,085	407,000	
	02/28/86	8:00	1,440	134,458	373,000	
	03/01/86	9:00	1,500	134,832	374,000	
	03/02/86	9:00	1,440	135,210	378,000	
	03/03/86	8:30	1,410	135,577	367,000	
	03/04/86	8:00	1,410	135,917	340,000	NO READING/METER EST
	03/05/86	8:00	1,440	135,917	0	PLANT DOWN
	03/06/86	8:00	1,440	135,917	0	PLANT DOWN
	03/07/86	8:00	1,440	135,923	6,000	PLANT DOWN 4 HRS
	03/08/86	8:00	1,440	135,923	200,000	BAD METER, FLOW EST.
	03/09/86	9:00	1,500	136,146	223,000	
	03/10/86	8:00	1,380	136,607	461,000	
	03/11/86	8:00	1,440	136,876	269,000	
	03/12/86	8:00	1,440	137,132	256,000	
	03/13/86	8:00	1,440	137,390	258,000	
	03/14/86	8:00	1,440	137,603	213,000	
	03/15/86	10:00	1,560	137,853	250,000	
	03/16/86	8:00	1,320	138,089	236,000	

## NORTHWEST BOUNDARY ADSORBERS

ADS.	DATE	TIME	TOTAL MINUTES	METER	TOTAL GALLONS	NOTES
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2	03/17/86	9:00	1,500	138,310	221,000	
	03/18/86	9:00	1,440	138,522	212,000	
	03/19/86	9:00	1,440	138,783	261,000	
	03/20/86	9:00	1,440	139,044	261,000	
	03/21/86	8:00	1,380	139,349	305,000	
	03/22/86	9:00	1,500	139,671	322,000	
	03/23/86	9:10	1,450	139,988	317,000	
	03/24/86	8:30	1,400	140,307	319,000	
	03/25/86	8:00	1,410	140,625	318,000	
	03/26/86	8:00	1,440	140,899	274,000	
	03/27/86	9:00	1,500	141,191	292,000	
	03/28/86	9:00	1,440	141,418	227,000	
	03/29/86	9:00	1,440	141,667	249,000	
	03/30/86	9:00	1,440	141,930	263,000	
	03/31/86	9:00	1,440	142,181	251,000	
	04/01/86	8:30	1,410	142,460	279,000	
	04/02/86	8:30	1,440	142,724	264,000	
	04/08/86	9:00	8,670	142,869	145,000	PLANT DOWN 3rd-7th
	04/09/86	8:00	1,380	142,898	29,000	
	04/10/86	8:30	1,470	142,898	200,000	BAD METER, FLOW EST.
	04/11/86	8:00	1,410	142,899	1,000	
	04/12/86	8:00	1,440	142,899	200,000	BAD METER, FLOW EST.
	04/13/86	9:00	1,500	143,154	255,000	
	04/14/86	9:00	1,440	143,163	9,000	
	04/15/86	8:30	1,410	143,318	155,000	
	04/16/86	8:30	1,440	143,439	121,000	
	04/17/86	8:00	1,410	143,808	369,000	
	04/18/86	8:30	1,470	144,207	399,000	
	04/19/86	7:00	1,350	144,659	452,000	
	04/20/86	9:00	1,560	145,172	513,000	
	04/21/86	8:30	1,410	145,654	482,000	
	04/22/86	9:30	1,500	146,147	493,000	
	04/23/86	8:30	1,380	146,558	411,000	
	04/24/86	8:00	1,410	146,965	407,000	
	04/25/86	8:00	1,440	147,375	410,000	
	04/26/86	7:00	1,380	147,774	399,000	
	04/27/86	9:00	1,560	148,197	423,000	
	04/28/86	9:00	1,380	148,599	402,000	
	04/29/86	10:00	1,500	149,026	427,000	
	04/30/86	10:00	1,440	149,445	419,000	
	05/01/86	9:30	1,410	149,843	398,000	
	05/02/86	9:00	1,410	150,237	394,000	
	05/03/86	7:00	1,320	150,667	430,000	
	05/04/86	9:00	1,560	151,029	362,000	
	05/05/86	9:00	1,440	151,459	430,000	
	05/06/86	9:00	1,440	151,576	117,000	PLANT DOWN 16HRS
	05/07/86	9:00	1,440	151,975	399,000	
	05/08/86	9:15	1,455	151,987	12,000	
	05/09/86	9:15	1,440	152,203	216,000	
	05/10/86	7:30	1,335	152,203	200,000	BAD METER, FLOW EST.
	05/11/86	8:30	1,500	152,203	150,000	BAD METER, FLOW EST.
	05/12/86	9:30	1,500	152,203	150,000	BAD METER, FLOW EST.

## NORTHWEST BOUNDARY ADSORBERS

ADS.	DATE	TIME	TOTAL MINUTES	METER	TOTAL GALLONS	NOTES
2	05/13/86	9:30	1,440	152,203	150,000	BAD METER, FLOW EST.
	05/14/86	9:30	1,440	152,281	78,000	
	05/15/86	9:00	1,410	152,281	150,000	BAD METER, FLOW EST.
	05/16/86	8:30	1,410	152,281	150,000	DOWN 3 HRS/FLOW EST.
	05/17/86	7:30	1,380	152,292	11,000	
	05/18/86	8:30	1,500	152,296	4,000	PLANT DOWN
	05/19/86	8:30	1,440	152,296	0	PLANT DOWN
	05/20/86	9:15	1,485	152,296	0	PLANT DOWN
	05/21/86	9:30	1,455	152,317	21,000	PLANT DOWN TIL 0900
	05/22/86	9:00	1,410	152,381	64,000	DOWN 8 HRS./CARBON
	05/23/86	9:00	1,440	152,400	19,000	OFF
	05/24/86	8:00	1,380	152,782	382,000	
	05/25/86	7:00	1,380	153,214	432,000	
	05/26/86	8:00	1,500	153,607	393,000	
	05/27/86	7:00	1,380	154,010	403,000	
	05/28/86	9:00	1,560	154,455	445,000	
	05/29/86	9:25	1,465	154,873	418,000	
	05/30/86	7:30	1,325	154,876	3,000	DOWN/BAD PUMP
	05/31/86	9:00	1,530	154,877	1,000	DOWN/BAD PUMP
	06/01/86	8:30	1,410	154,884	7,000	DOWN/BAD PUMP
	06/02/86	9:00	1,470	154,884	0	DOWN/BAD PUMP
	06/03/86	12:00	1,620	155,270	386,000	
	06/04/86	10:00	1,320	155,632	362,000	
	06/05/86	8:30	1,350	155,998	366,000	
	06/06/86	8:30	1,440	156,391	393,000	
	06/07/86	9:00	1,470	156,718	327,000	
	06/08/86	8:00	1,380	157,141	423,000	
	06/09/86	8:00	1,440	157,567	426,000	
	06/10/86	10:00	1,560	158,039	472,000	
	06/11/86	9:30	1,410	158,488	449,000	
	06/12/86	9:00	1,410	158,935	447,000	
	06/13/86	8:00	1,380	159,377	442,000	
	06/14/86	9:00	1,500	159,855	478,000	
	06/15/86	10:00	1,500	160,359	504,000	
	06/16/86	9:00	1,380	160,744	385,000	
	06/17/86	8:30	1,410	161,187	443,000	
	06/18/86	9:30	1,500	161,668	481,000	
	06/19/86	8:30	1,380	162,035	367,000	
	06/20/86	9:00	1,470	162,490	455,000	
	06/21/86	9:00	1,440	162,929	439,000	
	06/22/86	9:00	1,440	163,344	415,000	
	06/23/86	8:30	1,410	163,782	438,000	
	06/24/86	8:30	1,440	164,177	395,000	
	06/25/86	8:30	1,440	164,641	464,000	
	06/26/86	9:00	1,470	165,112	471,000	
	06/27/86	7:00	1,320	165,474	362,000	PLANT DOWN 3.6 HRS
	06/28/86	9:00	1,560	165,569	95,000	
	06/29/86	8:00	1,380	165,577	8,000	
	06/30/86	9:00	1,500	165,578	1,000	
3	10/01/85	8:00	0	114,374	0	
	10/02/85	8:00	1,440	114,374	0	PLANT DOWN

## NORTHWEST BOUNDARY ADSORBERS

ADS.	DATE	TIME	TOTAL MINUTES	METER	TOTAL GALLONS	NOTES
3	10/03/85	8:00	1,440	114,390	16,000	
	10/04/85	8:00	1,440	114,462	72,000	
	10/05/85	8:00	1,440	114,518	56,000	
	10/06/85	8:00	1,440	114,679	161,000	
	10/07/85	8:00	1,440	114,913	234,000	
	10/08/85	8:00	1,440	115,062	149,000	
	10/09/85	8:00	1,440	115,212	150,000	
	10/10/85	8:00	1,440	115,526	314,000	
	10/11/85	8:00	1,440	115,698	172,000	
	10/12/85	8:00	1,440	115,808	110,000	
	10/13/85	8:00	1,440	115,876	68,000	
	10/14/85	8:00	1,440	115,936	60,000	
	10/15/85	8:00	1,440	116,004	68,000	
	10/16/85	8:00	1,440	116,162	158,000	
	10/17/85	8:00	1,440	116,360	198,000	
	10/18/85	8:00	1,440	116,827	467,000	
	10/19/85	8:00	1,440	117,358	531,000	
	10/20/85	8:00	1,440	117,883	525,000	
	10/21/85	8:00	1,440	118,397	514,000	
	10/22/85	8:00	1,440	118,961	564,000	
	10/23/85	8:00	1,440	119,531	570,000	
	10/24/85	8:00	1,440	120,073	542,000	
	10/25/85	8:00	1,440	120,636	563,000	
	10/26/85	8:00	1,440	121,241	605,000	
	10/27/85	8:00	1,440	121,834	593,000	
	10/28/85	8:00	1,500	122,380	546,000	
	10/29/85	8:00	1,440	122,945	565,000	
	10/30/85	8:00	1,440	123,492	547,000	
	10/31/85	8:00	1,440	124,053	561,000	
	11/01/85	8:00	1,440	124,605	552,000	
	11/02/85	8:00	1,440	125,192	587,000	
	11/03/85	8:00	1,440	125,750	558,000	
	11/04/85	8:00	1,440	126,279	529,000	
	11/05/85	8:00	1,440	126,824	545,000	
	11/06/85	8:00	1,440	127,394	570,000	
	11/07/85	8:00	1,440	127,965	571,000	
	11/08/85	8:00	1,440	128,099	134,000	PLANT UNSTABLE
	11/12/85	8:00	5,760	128,622	523,000	
	11/13/85	8:00	1,440	128,893	271,000	
	11/14/85	7:30	1,410	129,210	317,000	
	11/15/85	8:00	1,470	129,610	400,000	
	11/18/85	7:45	4,265	130,816	1,206,000	
	11/19/85	8:30	1,485	131,239	423,000	
	11/20/85	8:00	1,410	131,652	413,000	
	11/21/85	8:00	1,440	132,053	401,000	
	11/22/85	7:30	1,410	132,448	395,000	
	11/23/85	9:30	1,560	132,882	434,000	
	11/24/85	10:15	1,485	133,298	416,000	
	11/25/85	7:30	1,275	133,655	357,000	
	11/26/85	7:30	1,440	134,073	418,000	
	11/27/85	7:30	1,440	134,478	405,000	PLANT DOWN 9.5 HRS
	11/29/85	7:30	2,880	134,591	113,000	PLANT DOWN 24 HRS



## NORTHWEST BOUNDARY ADSORBERS

ADS.	DATE	TIME	TOTAL MINUTES	METER	TOTAL GALLONS	NOTES
3	11/30/85	8:30	1,500	134,591	0	PLANT DOWN 24 HRS
	12/01/85	8:00	1,410	134,661	70,000	
	12/02/85	7:30	1,410	134,711	50,000	
	12/03/85	8:00	1,470	134,958	247,000	
	12/04/85	8:00	1,440	135,217	259,000	
	12/05/85	7:30	1,410	135,472	255,000	
	12/06/85	8:00	1,470	135,733	261,000	
	12/07/85	9:00	1,500	135,992	259,000	
	12/08/85	9:00	1,440	136,210	218,000	
	12/09/85	9:30	1,470	136,441	231,000	
	12/10/85	14:40	1,750	136,708	267,000	
	12/11/85	8:15	1,055	136,869	161,000	
	12/12/85	15:30	1,875	137,153	284,000	
	12/13/85	9:00	1,050	137,309	156,000	
	12/14/85	9:00	1,440	137,532	223,000	
	12/15/85	9:00	1,440	137,742	210,000	
	12/16/85	8:00	1,380	137,946	204,000	
	12/17/85	8:00	1,440	138,160	214,000	
	12/18/85	8:00	1,440	138,378	218,000	PLANT DOWN 14 HRS
	12/19/85	8:00	1,440	138,391	13,000	PLANT DOWN 8 HRS
	12/20/85	7:30	1,410	138,478	87,000	
	12/21/85	9:00	1,530	138,671	193,000	
	12/22/85	9:00	1,440	138,854	183,000	
	12/23/85	7:30	1,350	139,014	160,000	
	12/24/85	8:00	1,470	139,227	213,000	PLANT DOWN 11.7 HRS
	12/28/85	8:30	5,790	139,574	347,000	
	12/29/85	9:00	1,470	139,894	320,000	
	12/30/85	8:00	1,380	140,180	286,000	
	12/31/85	8:00	1,440	140,538	358,000	
	01/02/86	8:00	2,880	141,038	500,000	PLANT DOWN 16 HRS
	01/03/86	10:45	1,605	141,038	0	PLANT DOWN 10.75 HRS
	01/04/86	8:00	1,275	141,202	164,000	
	01/05/86	9:00	1,500	141,302	100,000	
	01/06/86	7:30	1,350	141,482	180,000	
	01/07/86	8:00	1,470	141,667	185,000	
	01/08/86	7:30	1,410	141,822	155,000	PLANT DOWN 15.3 HRS
	01/09/86	7:30	1,440	141,828	6,000	PLANT DOWN 10 HRS
	01/10/86	7:30	1,440	141,828	4,000	BAD METER, FLOW EST.
	01/11/86	8:00	1,470	133,046	13,000	NO METER, FLOW EST.
	01/12/86	9:00	1,500	133,046	100,000	NO METER, FLOW EST.
	01/13/86	7:30	1,350	133,046	130,000	NO METER, FLOW EST.
	01/14/86	7:45	1,455	133,046	200,000	NO METER, FLOW EST.
	01/15/86	7:45	1,440	133,046	250,000	BAD METER, FLOW EST.
	01/16/86	8:00	1,495	133,046	390,000	NO SHEET, FLOW EST.
	01/17/86	7:15	1,395	133,046	430,000	BAD METER, FLOW EST.
	01/18/86	9:00	1,545	133,046	460,000	BAD METER, FLOW EST.
	01/19/86	9:00	1,440	133,046	425,000	BAD METER, FLOW EST.
	01/20/86	9:00	1,440	133,046	440,000	BAD METER, FLOW EST.
	01/21/86	8:00	1,380	133,046	415,000	BAD METER, FLOW EST.
	01/22/86	9:00	1,500	133,046	445,000	BAD METER, FLOW EST.
	01/23/86	8:00	1,380	133,046	160,000	BAD METER, FLOW EST.
	01/24/86	8:00	1,440	133,046	160,000	BAD METER, FLOW EST.

## NORTHWEST BOUNDARY ADSORBERS

ADS.	DATE	TIME	TOTAL MINUTES	METER	TOTAL GALLONS	NOTES
3	01/25/86	8:00	1,440	133,046	250,000	BAD METER, FLOW EST.
	01/26/86	9:00	1,500	133,046	250,000	BAD METER, FLOW EST.
	01/27/86	8:00	1,380	133,046	250,000	BAD METER, FLOW EST.
	01/28/86	8:00	1,440	133,046	200,000	BAD METER, FLOW EST.
	01/29/86	8:00	1,440	133,046	0	OFF LINE
	01/30/86	8:00	1,440	133,046	250,000	BAD METER, FLOW EST.
	01/31/86	8:00	1,440	133,046	280,000	BAD METER, FLOW EST.
	02/01/86	9:00	1,500	133,046	315,000	BAD METER, FLOW EST.
	02/02/86	9:00	1,440	133,046	285,000	BAD METER, FLOW EST.
	02/03/86	8:00	1,380	133,046	285,000	BAD METER, FLOW EST.
	02/04/86	8:00	1,440	133,046	295,000	BAD METER, FLOW EST.
	02/05/86	8:00	1,440	133,046	365,000	BAD METER, FLOW EST.
	02/06/86	8:00	1,440	133,046	390,000	BAD METER, FLOW EST.
	02/07/86	8:00	1,440	133,046	405,000	BAD METER, FLOW EST.
	02/08/86	9:00	1,500	133,046	425,000	BAD METER, FLOW EST.
	02/09/86	9:00	1,440	133,046	410,000	BAD METER, FLOW EST.
	02/10/86	8:00	1,380	133,046	360,000	BAD METER, FLOW EST.
	02/11/86	8:00	1,440	133,046	360,000	BAD METER, FLOW EST.
	02/12/86	8:00	1,440	133,046	295,000	BAD METER, FLOW EST.
	02/13/86	8:00	1,440	133,046	305,000	BAD METER, FLOW EST.
	02/14/86	8:00	1,440	133,046	340,000	BAD METER, FLOW EST.
	02/15/86	8:00	1,440	133,046	400,000	BAD METER, FLOW EST.
	02/16/86	9:00	1,500	133,046	425,000	BAD METER, FLOW EST.
	02/17/86	8:00	1,380	133,046	390,000	BAD METER, FLOW EST.
	02/18/86	8:00	1,440	133,046	425,000	BAD METER, FLOW EST.
	02/19/86	8:00	1,440	133,046	430,000	BAD METER, FLOW EST.
	02/20/86	8:00	1,440	133,046	350,000	BAD METER, FLOW EST.
	02/21/86	8:00	1,440	133,046	375,000	BAD METER, FLOW EST.
	02/22/86	9:00	1,500	133,046	400,000	BAD METER, FLOW EST.
	02/23/86	9:00	1,440	133,046	410,000	BAD METER, FLOW EST.
	02/24/86	8:30	1,410	133,046	400,000	BAD METER, FLOW EST.
	02/25/86	8:00	1,410	133,046	405,000	BAD METER, FLOW EST.
	02/26/86	8:00	1,440	133,046	420,000	BAD METER, FLOW EST.
	02/27/86	8:00	1,440	133,046	415,000	BAD METER, FLOW EST.
	02/28/86	8:00	1,440	133,046	350,000	BAD METER, FLOW EST.
	03/01/86	9:00	1,500	133,046	350,000	BAD METER, FLOW EST.
	03/02/86	9:00	1,440	133,046	340,000	BAD METER, FLOW EST.
	03/03/86	8:30	1,410	133,046	300,000	BAD METER, FLOW EST.
	03/04/86	8:00	1,410	133,046	310,000	NO READING/FLOW EST.
	03/05/86	8:00	1,440	133,046	0	PLANT DOWN
	03/06/86	8:00	1,440	133,046	0	PLANT DOWN
	03/07/86	8:00	1,440	133,046	6,000	BAD METER, FLOW EST.
	03/08/86	8:00	1,440	133,046	200,000	BAD METER, FLOW EST.
	03/09/86	9:00	1,500	133,046	200,000	BAD METER, FLOW EST.
	03/10/86	8:00	1,380	133,046	260,000	BAD METER, FLOW EST.
	03/11/86	8:00	1,440	133,046	305,000	BAD METER, FLOW EST.
	03/12/86	8:00	1,440	133,046	305,000	BAD METER, FLOW EST.
	03/13/86	8:00	1,440	133,047	305,000	BAD METER, FLOW EST.
	03/14/86	8:00	1,440	133,047	305,000	BAD METER, FLOW EST.
	03/15/86	10:00	1,560	133,047	330,000	BAD METER, FLOW EST.
	03/16/86	8:00	1,320	133,047	280,000	BAD METER, FLOW EST.
	03/17/86	9:00	1,500	133,047	318,000	BAD METER, FLOW EST.

## NORTHWEST BOUNDARY ADSORBERS

ADS.	DATE	TIME	TOTAL MINUTES	METER	TOTAL GALLONS	NOTES
3	03/18/86	9:00	1,440	133,047	305,000	BAD METER, FLOW EST.
	03/19/86	9:00	1,440	133,047	305,000	BAD METER, FLOW EST.
	03/20/86	9:00	1,440	133,047	305,000	BAD METER, FLOW EST.
	03/21/86	8:00	1,380	133,047	292,000	BAD METER, FLOW EST.
	03/22/86	9:00	1,500	133,047	318,000	BAD METER, FLOW EST.
	03/23/86	9:10	1,450	133,047	301,000	BAD METER, FLOW EST.
	03/24/86	8:30	1,400	133,047	296,000	BAD METER, FLOW EST.
	03/25/86	8:00	1,410	133,047	299,000	BAD METER, FLOW EST.
	03/26/86	8:00	1,440	133,047	305,000	BAD METER, FLOW EST.
	03/27/86	9:00	1,500	133,047	318,000	BAD METER, FLOW EST.
	03/28/86	9:00	1,440	133,047	305,000	BAD METER, FLOW EST.
	03/29/86	9:00	1,440	133,047	305,000	BAD METER, FLOW EST.
	03/30/86	9:00	1,440	133,047	305,000	BAD METER, FLOW EST.
	03/31/86	9:00	1,440	133,047	305,000	BAD METER, FLOW EST.
	04/01/86	8:30	1,410	133,047	260,000	BAD METER, FLOW EST.
	04/02/86	8:30	1,440	133,047	260,000	BAD METER, FLOW EST.
	04/08/86	9:00	8,670	133,047	140,000	BAD METER, FLOW EST.
	04/09/86	8:00	1,380	133,047	20,000	BAD METER, FLOW EST.
	04/10/86	8:30	1,470	133,047	200,000	BAD METER, FLOW EST.
	04/11/86	8:00	1,410	133,047	200,000	BAD METER, FLOW EST.
	04/12/86	8:00	1,440	133,047	200,000	BAD METER, FLOW EST.
	04/13/86	9:00	1,500	133,047	200,000	BAD METER, FLOW EST.
	04/14/86	9:00	1,440	133,047	305,000	BAD METER, FLOW EST.
	04/15/86	8:30	1,410	133,047	299,000	BAD METER, FLOW EST.
	04/16/86	8:30	1,440	133,047	305,000	BAD METER, FLOW EST.
	04/17/86	8:00	1,410	133,047	299,000	BAD METER, FLOW EST.
	04/18/86	8:30	1,470	133,450	403,000	
	04/19/86	7:00	1,350	133,855	405,000	
	04/20/86	9:00	1,560	134,344	489,000	
	04/21/86	8:30	1,410	134,802	458,000	
	04/22/86	9:30	1,500	135,290	488,000	
	04/23/86	8:30	1,380	135,637	347,000	
	04/24/86	8:00	1,410	135,863	226,000	
	04/25/86	8:00	1,440	136,108	245,000	
	04/26/86	7:00	1,380	136,189	81,000	
	04/27/86	9:00	1,560	136,189	0	PUMP NOT OPERATING
	04/28/86	9:00	1,380	136,223	34,000	PUMP NOT OPERATING
	04/29/86	10:00	1,500	136,428	205,000	
	04/30/86	10:00	1,440	136,844	416,000	
	05/01/86	9:30	1,410	136,861	17,000	
	05/02/86	9:00	1,410	136,879	18,000	
	05/03/86	7:00	1,320	136,880	1,000	
	05/04/86	9:00	1,560	136,948	68,000	
	05/05/86	9:00	1,440	137,209	261,000	
	05/06/86	9:00	1,440	137,324	115,000	PLANT DOWN 16HRS
	05/07/86	9:00	1,440	137,404	80,000	
	05/08/86	9:15	1,455	137,404	0	PUMP NOT OPERATING
	05/09/86	9:15	1,440	137,405	1,000	PUMP NOT OPERATING
	05/10/86	7:30	1,335	137,434	29,000	
	05/11/86	8:30	1,500	137,451	17,000	
	05/12/86	9:30	1,500	137,452	1,000	
	05/13/86	9:30	1,440	137,489	37,000	

## NORTHWEST BOUNDARY ADSORBERS

ADS.	DATE	TIME	TOTAL MINUTES	METER	TOTAL GALLONS	NOTES
3	05/14/86	9:30	1,440	137,563	74,000	
	05/15/86	9:00	1,410	137,579	16,000	
	05/16/86	8:30	1,410	137,579	0	PLANT DOWN 3 HRS.
	05/17/86	7:30	1,380	137,627	48,000	
	05/18/86	8:30	1,500	137,630	3,000	PLANT DOWN
	05/19/86	8:30	1,440	137,630	0	PLANT DOWN
	05/20/86	9:15	1,485	137,630	0	PLANT DOWN
	05/21/86	9:30	1,455	137,938	308,000	PLANT DOWN TIL 0900
	05/22/86	9:00	1,410	137,980	42,000	
	05/23/86	9:00	1,440	138,134	154,000	
	05/24/86	8:00	1,380	138,517	383,000	
	05/25/86	7:00	1,380	138,916	399,000	
	05/26/86	8:00	1,500	139,273	357,000	
	05/27/86	7:00	1,380	139,648	375,000	
	05/28/86	9:00	1,560	140,057	409,000	
	05/29/86	9:25	1,465	140,444	387,000	
	05/30/86	7:30	1,325	140,641	197,000	
	05/31/86	9:00	1,530	141,049	408,000	
	06/01/86	8:30	1,410	141,443	394,000	
	06/02/86	9:00	1,470	141,826	383,000	
	06/03/86	12:00	1,620	141,891	65,000	
	06/04/86	10:00	1,320	141,892	1,000	
	06/05/86	8:30	1,350	142,230	338,000	
	06/06/86	8:30	1,440	142,647	417,000	
	06/07/86	9:00	1,470	143,029	382,000	
	06/08/86	8:00	1,380	143,485	456,000	
	06/09/86	8:00	1,440	143,958	473,000	
	06/10/86	10:00	1,560	144,410	452,000	
	06/11/86	9:30	1,410	144,838	428,000	
	06/12/86	9:00	1,410	145,258	420,000	
	06/13/86	8:00	1,380	145,698	440,000	
	06/14/86	9:00	1,500	146,167	469,000	
	06/15/86	10:00	1,500	146,649	482,000	
	06/16/86	9:00	1,380	147,032	383,000	
	06/17/86	8:30	1,410	147,495	463,000	
	06/18/86	9:30	1,500	147,957	462,000	
	06/19/86	8:30	1,380	148,335	378,000	
	06/20/86	9:00	1,470	148,796	461,000	
	06/21/86	9:00	1,440	149,227	431,000	
	06/22/86	9:00	1,440	149,662	435,000	
	06/23/86	8:30	1,410	150,116	454,000	
	06/24/86	8:30	1,440	150,543	427,000	
	06/25/86	8:30	1,440	150,988	445,000	
	06/26/86	9:00	1,470	151,165	177,000	
	06/27/86	7:00	1,320	151,256	91,000	PLANT DOWN 3.6 HRS
	06/28/86	9:00	1,560	151,524	268,000	
	06/29/86	8:00	1,380	151,808	284,000	
	06/30/86	9:00	1,500	152,140	332,000	

DEWATERING WELL METER READINGS

## NORTHWEST BOUNDARY DEWATERING WELLS

WELL NO.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
1	09/24/85	11:50		3,042,900	21,633,200		
	10/06/85	9:42	17,152	3,162,140	23,399,200	1,885,240	
	10/22/85	8:35	22,973	3,252,710	23,992,400	683,770	
	10/29/85	9:25	10,190	3,359,710	24,673,600	788,200	
	11/05/85	9:35	10,090	3,467,640	25,370,000	804,330	
	11/19/85	10:00	20,185	3,585,570	26,147,600	895,530	
	11/26/85	9:00	10,020	3,585,580	26,147,600	10	
	12/12/85	13:14	23,294	3,586,550	26,154,200	7,570	OFF
	01/21/86	9:00	57,346	3,590,500	26,180,800	30,550	
	01/28/86	11:50	10,250	3,590,590	26,180,800	90	
	02/06/86	9:05	12,795	3,590,600	26,180,800	10	
	02/14/86	9:00	11,515	3,590,650	26,181,200	450	
	02/20/86	13:00	8,880	3,595,380	26,220,300	43,830	
	02/27/86	8:35	9,815	3,595,380	26,220,400	100	DRY PUMP RUNNING
	03/11/86	12:35	17,520	3,595,380	26,220,400	0	
	03/14/86	10:00	4,165	3,605,010	26,311,400	100,630	
	03/18/86	10:30	5,790	3,605,010	26,311,400	0	
	03/25/86	12:30	10,200	3,605,010	26,311,400	0	ALL TIMES ESTIMATED
	04/01/86	11:00	9,990	3,605,010	26,311,400	0	
	04/08/86	12:00	10,140	3,605,010	26,314,900	3,500	HAD TO RESET
	04/15/86	10:20	9,980	3,623,090	26,509,000	212,180	RESET PUMP
	04/22/86	12:00	10,180	3,708,880	27,455,700	1,032,490	
	04/29/86	10:30	9,930	3,805,990	28,513,600	1,155,010	
	05/06/86	10:30	10,080	3,859,270	29,039,300	578,980	BAD READING/TENS EST
	05/13/86	12:00	10,170	3,865,750	29,111,700	78,880	NOT OPER/TIME EST
	05/27/86	13:00	20,220	3,942,240	29,971,100	935,890	ALL TIMES ESTIMATED
	06/03/86	12:00	10,020	4,021,670	30,866,500	974,830	ALL TIMES ESTIMATED
	06/10/86	12:15	10,095	4,108,100	31,810,200	1,030,130	ALL TIMES ESTIMATED
	06/17/86	12:00	10,065	4,192,770	32,731,200	1,005,670	ALL TIMES ESTIMATED
	06/23/86	12:15	8,655	4,274,360	33,629,100	979,490	ALL TIMES ESTIMATED
	07/01/86	12:01	11,506	4,292,980	33,948,300	337,820	
2	09/24/85	11:55		3,251,670	18,432,800		
	10/06/85	9:46	17,151	3,502,500	19,689,800	1,507,830	100'S METER NOT WORK
	10/22/85	8:38	22,972	3,596,870	20,152,900	557,470	
	10/29/85	9:30	10,192	3,709,960	20,671,000	631,190	
	11/05/85	9:40	10,090	3,821,500	21,236,800	677,340	
	11/19/85	10:06	20,186	4,031,670	22,113,200	1,086,570	
	11/26/85	9:05	10,019	4,142,830	22,512,700	510,660	
	12/12/85	13:16	23,291	4,162,370	22,602,300	109,140	OFF
	01/21/86	9:04	57,348	4,164,100	22,609,400	8,830	
	01/28/86	11:55	10,251	4,164,110	22,609,400	10	
	02/06/86	9:10	12,795	4,164,110	22,609,400	0	
	02/14/86	9:04	11,514	4,164,340	22,610,200	1,030	
	02/20/86	13:02	8,878	4,165,920	22,621,100	12,480	
	02/27/86	8:39	9,817	4,165,920	22,621,100	0	DRY?
	03/11/86	12:39	17,520	4,165,920	22,621,100	0	
	03/14/86	10:04	4,165	4,167,080	22,629,000	9,060	
	03/18/86	10:34	5,790	4,171,460	22,865,500	240,880	
	03/25/86	12:32	10,198	4,171,460	22,947,400	81,900	
	04/01/86	11:05	9,993	4,171,460	22,947,400	0	
	04/08/86	12:04	10,139	4,171,460	22,952,400	5,000	HAD TO RESET

## NORTHWEST BOUNDARY DEWATERING WELLS

WELL ID.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
2	04/15/86	10:22	9,978	4,171,460	23,222,600	270,200	HAD TO RESET
	04/22/86	12:04	10,182	4,171,460	23,829,000	606,400	
	04/29/86	10:34	9,930	4,171,460	24,086,200	257,200	HAD TO RESET
	05/06/86	10:34	10,080	4,171,460	24,656,900	570,700	
	05/13/86	12:02	10,168	4,171,460	24,690,300	33,400	HAD TO RESET
	05/27/86	13:02	20,220	4,171,460	24,718,400	28,100	
	06/03/86	12:04	10,022	4,171,460	24,719,700	1,300	
	06/10/86	12:17	10,093	4,171,460	25,418,700	699,000	
	06/17/86	12:04	10,067	4,171,460	26,195,300	776,600	
	06/23/86	12:17	8,653	4,171,460	26,988,700	793,400	TENS NOT REGISTERING
	07/01/86	12:06	11,509	4,171,480	27,732,000	743,320	
3	09/24/85	12:00		3,960,430	22,187,800		
	10/06/85	9:50	17,110	4,197,200	23,498,500	1,547,470	
	10/22/85	8:40	22,970	4,292,620	24,020,100	617,020	
	10/29/85	9:34	10,194	4,407,790	24,639,000	734,070	
	11/05/85	9:49	10,095	4,521,270	25,252,700	727,180	
	11/19/85	10:12	20,183	4,718,450	26,338,000	1,282,480	
	11/26/85	9:11	10,019	4,829,970	26,949,000	722,520	STUCK
	12/12/85	13:18	23,287	4,848,750	27,055,800	125,580	OFF
	01/21/86	9:08	57,350	4,848,500	27,055,800	0	
	01/28/86	12:00	10,252	4,848,500	27,055,800	0	
	02/06/86	9:14	12,794	4,848,510	27,055,800	10	
	02/14/86	9:08	11,514	4,850,150	27,064,900	10,740	
	02/20/86	13:04	8,876	4,948,680	27,599,200	632,830	
	02/27/86	8:43	9,819	5,058,660	28,184,700	695,480	
	03/11/86	12:43	17,520	5,187,580	28,879,400	823,620	
	03/14/86	10:08	4,165	5,248,230	29,212,100	393,350	
	03/18/86	10:39	5,791	5,313,740	29,561,800	415,210	
	03/25/86	12:34	10,195	5,425,440	30,169,300	719,200	
	04/01/86	11:10	9,996	5,535,540	30,772,800	713,600	
	04/08/86	12:08	10,138	5,558,640	30,898,500	148,800	NOT PUMPING
	04/15/86	10:24	9,976	5,558,640	30,898,500	0	OFF/BAD PANEL RELAY
	04/22/86	12:08	10,184	5,558,850	31,350,800	452,510	
	04/29/86	10:38	9,930	5,558,850	31,623,400	272,600	
	05/06/86	10:38	10,080	5,558,850	31,650,800	27,400	
	05/13/86	12:04	10,166	5,558,850	32,491,200	840,400	
	05/27/86	13:04	20,220	5,558,850	33,430,900	939,700	
	06/03/86	12:08	10,024	5,558,850	34,100,600	669,700	
	06/10/86	12:19	10,091	5,558,850	34,366,700	266,100	
	06/17/86	12:08	10,069	5,558,850	34,640,800	274,100	
	06/23/86	12:19	8,651	5,558,850	34,664,700	23,900	METERS NOT REGISTER
	07/01/86	12:09	11,510	5,558,850	34,664,700	0	METER BEING REPAIRED
4	09/24/85	12:05		4,164,080	23,988,200		
	10/06/85	9:55	17,110	4,298,550	24,724,100	870,370	
	10/22/85	8:43	22,968	4,391,590	25,165,400	534,340	
	10/29/85	9:39	10,196	4,504,890	25,673,200	621,100	
	11/05/85	9:53	10,094	4,616,740	26,217,700	656,350	
	11/19/85	10:18	20,185	4,813,200	27,130,800	1,109,560	
	11/26/85	9:15	10,017	4,924,540	27,475,700	456,240	STUCK
	12/12/85	13:20	23,285	4,944,160	27,528,100	72,020	OFF

## NORTHWEST BOUNDARY DEWATERING WELLS

LL O.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
4	01/21/86	9:12	57,352	4,948,560	27,545,800	22,100	
	01/28/86	12:05	10,253	4,948,570	27,545,800	10	
	02/06/86	9:19	12,794	4,949,580	27,551,600	6,810	
	02/14/86	9:12	11,513	4,950,400	27,556,600	5,820	
	02/20/86	13:06	8,874	4,970,060	27,712,000	175,060	METER NOT WORKING
	02/27/86	8:47	9,781	4,970,060	27,712,000	0	DRY?
	03/11/86	12:47	17,520	4,985,260	28,037,000	340,200	
	03/14/86	10:12	4,165	4,985,260	28,037,000	0	
	03/18/86	10:43	5,791	4,985,260	28,037,100	100	
	03/25/86	12:36	10,193	4,985,260	28,037,100	0	
	04/01/86	11:16	10,000	4,985,260	28,037,100	0	
	04/08/86	12:12	10,136	4,985,570	28,042,400	5,610	NOT PUMPING
	04/15/86	10:26	9,974	4,985,570	28,042,400	0	OFF/BAD PANEL RELAY
	04/22/86	12:12	10,186	5,074,940	28,726,200	773,170	
	04/29/86	10:42	9,930	5,178,380	29,526,600	903,840	
	05/06/86	10:42	10,080	5,267,100	30,351,100	913,220	
	05/13/86	12:06	10,164	5,281,940	30,603,900	267,640	WILL NOT RESET
	05/27/86	13:05	20,219	5,281,980	30,604,700	840	RESET
	06/03/86	12:13	10,028	5,281,990	30,604,800	110	
	06/10/86	12:22	10,089	5,337,500	31,763,900	1,214,610	
	06/17/86	12:13	10,071	5,406,290	33,366,900	1,671,790	
	06/23/86	12:22	8,649	5,420,060	34,661,100	1,307,970	TENS NOT REGISTERING
	07/01/86	12:13	11,511	5,420,060	34,838,100	177,000	
5	09/24/85	12:10		2,712,220	20,576,000		
	10/06/85	9:56	17,106	2,864,360	21,462,000	1,038,140	NOT RUNNING
	10/22/85	8:45	22,969	2,955,950	21,973,200	602,790	
	10/29/85	9:45	10,200	3,067,150	22,570,000	708,000	
	11/05/85	9:57	10,092	3,177,270	23,152,900	693,020	
	11/19/85	10:24	20,187	3,212,740	23,338,100	220,670	
	11/26/85	9:21	10,017	3,212,740	23,338,100	0	
	12/12/85	13:22	23,281	3,212,740	23,338,100	0	OFF
	01/21/86	9:16	57,354	3,212,740	23,338,100	0	
	01/28/86	12:10	10,254	3,212,740	23,338,100	0	
	02/06/86	9:24	12,794	3,245,250	23,524,800	219,210	
	02/14/86	9:17	11,513	3,309,890	23,884,300	424,140	
	02/20/86	13:09	8,872	3,310,080	24,002,600	118,490	METER NOT WORKING
	02/27/86	8:51	9,782	3,310,080	24,002,600	0	DRY, PUMPING AIR
	03/11/86	12:51	17,520	3,310,080	24,002,800	200	OFF
	03/14/86	10:16	4,165	3,310,080	24,026,200	23,400	
	03/18/86	10:47	5,791	3,310,080	24,026,200	0	
	03/25/86	12:38	10,191	3,310,080	24,026,200	0	
	04/01/86	11:21	10,003	3,310,080	24,026,200	0	
	04/08/86	12:17	10,136	3,310,080	24,041,200	15,000	
	04/15/86	10:28	9,971	3,310,080	24,510,700	469,500	
	04/22/86	12:17	10,189	3,310,080	25,154,500	643,800	
	04/29/86	10:47	9,930	3,310,080	25,791,500	637,000	
	05/06/86	10:47	10,080	3,310,080	26,370,900	579,400	
	05/13/86	12:08	10,161	3,310,080	26,808,700	437,800	
	05/27/86	13:07	20,219	3,310,080	27,642,500	833,800	RESET
	06/03/86	12:17	10,030	3,310,080	28,267,100	624,600	
	06/10/86	12:24	10,087	3,310,080	28,267,100	0	



## NORTHWEST BOUNDARY DEWATERING WELLS

WELL NO.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
5	06/17/86	12:17	10,073	3,310,080	28,267,100	0	METER NOT OPERATING
	06/23/86	12:24	8,647	3,310,080	28,373,500	106,400	TENS NOT REGISTERING
	07/01/86	12:18	11,514	3,310,080	29,302,100	928,600	
6	09/24/85	12:15		4,153,690	23,372,800		
	10/06/85	9:59	17,104	4,248,330	24,043,300	765,140	NOT RUNNING
	10/22/85	8:48	22,969	4,326,200	24,599,600	634,170	
	10/29/85	9:50	10,202	4,437,860	25,401,000	913,060	
	11/05/85	10:02	10,132	4,547,560	26,203,900	912,600	
	11/19/85	10:30	20,188	4,659,180	27,050,800	958,520	
	11/26/85	9:27	10,017	4,767,570	27,888,100	945,690	
	12/12/85	13:24	23,277	4,772,200	28,035,300	151,830	OFF
	01/21/86	9:20	57,356	4,772,210	28,680,500	645,210	
	01/30/86	9:50	10,110	4,772,210	28,929,300	248,800	
	02/06/86	9:28	10,058	4,772,210	29,196,300	267,000	
	02/14/86	9:21	11,513	4,772,340	29,850,200	654,030	
	02/20/86	13:11	8,870	4,772,340	30,628,000	777,800	
	02/27/86	8:55	9,784	4,772,340	31,487,500	859,500	METER NOT WORKING
	03/11/86	12:56	17,521	4,772,340	32,115,900	628,400	OFF
	03/14/86	10:21	4,165	4,772,340	32,490,300	374,400	
	03/18/86	10:52	5,791	4,772,340	33,012,500	522,200	
	03/25/86	12:40	10,188	4,772,340	33,913,300	900,800	
	04/01/86	11:26	10,006	4,772,340	34,823,400	910,100	
	04/08/86	12:21	10,135	4,772,340	35,011,600	188,200	NOT PUMPING
	04/15/86	10:30	9,969	4,772,340	35,011,600	0	OFF/BAD PANEL RELAY
	04/22/86	12:21	10,191	4,772,340	35,678,900	667,300	
	04/29/86	10:51	9,930	4,772,340	35,733,200	54,300	NOT OPERATING
	05/06/86	10:51	10,080	4,772,340	35,739,000	5,800	NOT PUMPING
	05/13/86	12:10	10,199	4,772,340	35,739,300	300	
	05/27/86	13:09	20,219	4,772,340	35,739,300	0	
	06/03/86	12:21	10,032	4,772,340	35,823,400	84,100	
	06/10/86	12:26	10,085	4,772,340	36,094,200	270,800	
	06/17/86	12:21	10,075	4,772,340	36,287,000	192,800	
	06/23/86	12:26	8,645	4,772,340	36,366,400	79,400	METERS NOT REGISTER
	07/01/86	12:22	11,516	4,772,340	36,366,400	0	
7	09/24/85	12:20		2,818,950	37,446,900		
	10/06/85	10:02	17,142	2,834,660	37,970,500	539,310	NOT RUNNING
	10/22/85	8:50	22,928	2,834,660	38,126,500	156,000	
	10/29/85	9:54	10,204	2,834,660	39,178,300	1,051,800	
	11/05/85	10:06	10,132	2,834,660	40,215,600	1,037,300	
	11/19/85	10:36	20,190	2,834,660	41,440,100	1,224,500	
	11/26/85	9:32	10,016	2,834,660	42,517,500	1,077,400	
	12/12/85	13:26	23,274	2,834,660	42,706,100	188,600	OFF
	01/21/86	9:24	57,358	2,834,670	44,468,600	1,762,510	
	01/30/86	9:55	10,111	2,834,670	44,918,300	449,700	
	02/06/86	9:33	10,058	2,834,670	46,030,800	1,112,500	
	02/14/86	9:25	11,512	2,846,700	47,139,500	1,120,730	
	02/20/86	13:13	8,868	2,834,660	47,638,000	486,460	NEG. 10'S METER FLOW
	02/27/86	8:59	9,786	2,834,660	48,547,800	909,800	
	03/11/86	13:00	17,561	2,834,670	49,434,100	886,310	
	03/14/86	10:25	4,165	2,834,670	49,754,300	320,200	

## NORTHWEST BOUNDARY DEWATERING WELLS

LL D.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
7	03/18/86	10:54	5,789	2,834,670	50,105,400	351,100	
	03/25/86	12:42	10,188	2,834,670	50,980,400	875,000	
	04/01/86	11:32	10,010	2,834,670	51,770,600	790,200	
	04/08/86	12:25	10,133	2,834,670	51,850,800	80,200	
	04/15/86	10:32	9,967	2,834,670	52,616,400	765,600	
	04/22/86	12:25	10,193	2,834,670	53,436,800	820,400	
	04/29/86	10:55	9,930	2,834,670	54,149,900	713,100	
	05/06/86	10:55	10,080	2,834,670	54,744,100	594,200	
	05/13/86	12:12	10,197	2,834,670	55,051,300	307,200	HAD TO RESET
	05/27/86	13:10	20,218	2,834,670	55,701,500	650,200	
	06/03/86	12:26	10,036	2,834,670	56,323,800	622,300	
	06/10/86	12:28	10,082	2,834,670	57,099,600	775,800	
	06/17/86	12:26	10,078	2,834,670	57,877,200	777,600	
	06/23/86	12:28	8,642	2,834,670	58,709,900	832,700	TENS NOT REGISTERING
	07/01/86	12:26	11,518	2,834,670	59,512,500	802,600	
8	09/24/85	12:25		3,620,790	22,587,900		
	10/06/85	10:05	17,140	3,643,990	22,746,100	181,400	NOT RUNNING
	10/22/85	8:53	22,928	3,692,020	23,045,500	347,430	
	10/29/85	9:58	10,205	3,776,590	23,518,400	557,470	
	11/05/85	10:11	10,133	3,859,830	24,017,500	582,340	
	11/19/85	10:42	20,191	3,955,160	24,479,200	557,030	
	11/26/85	9:37	10,015	4,035,820	24,813,600	415,060	
	12/12/85	13:28	23,271	4,049,860	24,831,200	31,640	OFF
	01/21/86	9:28	57,360	4,127,000	24,991,500	237,440	
	01/30/86	10:00	10,112	4,149,130	25,081,800	112,430	
	02/06/86	9:37	10,057	4,170,140	25,525,100	464,310	
	02/14/86	9:29	11,512	4,253,760	26,053,500	612,020	
	02/20/86	13:15	8,866	4,294,470	26,363,000	350,210	
	02/27/86	9:03	9,828	4,366,190	26,865,000	573,720	
	03/11/86	13:04	17,521	4,369,120	26,885,300	23,230	
	03/14/86	10:29	4,165	4,369,120	26,885,300	0	
	03/18/86	11:00	5,791	4,369,120	26,885,300	0	
	03/25/86	12:44	10,184	4,369,120	26,885,300	0	
	04/01/86	11:38	10,014	4,369,120	26,885,300	0	
	04/08/86	12:29	10,131	4,376,270	26,949,900	71,750	
	04/15/86	10:34	9,965	4,407,490	27,214,400	295,720	
	04/22/86	12:29	10,195	4,491,560	27,890,000	759,670	
	04/29/86	10:59	9,930	4,573,670	28,544,400	736,510	
	05/06/86	10:59	10,080	4,647,970	29,143,000	672,900	
	05/13/86	12:14	10,195	4,656,730	29,228,700	94,460	HAD TO RESET
	05/27/86	13:12	20,218	4,656,730	29,253,000	24,300	RESET
	06/03/86	12:30	10,038	4,656,730	29,503,300	250,300	
	06/10/86	12:31	10,081	4,656,730	29,702,100	198,800	METER NOT RUNNING
	06/17/86	12:30	10,079	4,656,730	29,702,200	100	METERS NOT OPERATING
	06/23/86	12:31	8,641	4,656,730	30,094,200	392,000	TENS NOT REGISTERING
	07/01/86	12:29	11,518	4,656,730	30,760,600	666,400	
9	09/24/85	12:30		2,058,990	28,108,100		
	10/06/85	10:07	17,137	2,061,050	28,146,000	39,960	NOT RUNNING
	10/22/85	8:54	22,927	2,063,470	29,112,800	969,220	
	10/29/85	10:03	10,249	2,063,470	30,519,000	1,406,200	

## NORTHWEST BOUNDARY DEWATERING WELLS

WELL NO.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
9	11/05/85	10:15	10,092	2,063,470	31,922,300	1,403,300	ONE METER NOT WORKING
	11/19/85	10:48	20,193	2,063,470	33,734,000	1,811,700	
	11/26/85	9:42	10,014	2,063,470	35,113,600	1,379,600	
	12/12/85	13:30	23,268	2,063,470	37,270,200	2,156,600	
	01/21/86	9:32	57,362	2,081,130	42,115,600	4,863,060	
	01/30/86	10:04	10,112	2,081,130	43,790,500	1,674,900	
	02/06/86	9:41	10,057	2,081,130	45,153,300	1,362,800	
	02/14/86	9:34	11,513	2,681,140	46,641,600	2,088,310	
	02/20/86	13:18	8,864	2,081,140	47,725,100	483,500	NEG. 10'S METER FLOW
	02/27/86	9:07	9,829	2,081,130	48,849,700	1,124,590	NEG. 10'S FLOW, DRY
	03/11/86	13:08	17,521	2,081,130	50,216,800	1,367,100	
	03/14/86	10:33	4,165	2,081,130	50,691,000	474,200	
	03/18/86	11:04	5,791	2,081,130	51,257,000	566,000	
	03/25/86	12:46	10,182	2,081,130	52,225,700	968,700	
	04/01/86	11:44	10,018	2,081,130	53,464,200	1,238,500	
	04/08/86	12:34	10,130	2,081,130	53,721,500	257,300	NOT PUMPING
	04/15/86	10:36	9,962	2,081,130	53,721,500	0	OFF/BAD PANEL RELAY
	04/22/86	12:34	10,198	2,081,130	54,713,900	992,400	
	04/29/86	11:04	9,930	2,081,130	55,091,300	377,400	
	05/06/86	11:04	10,080	2,081,140	55,418,500	327,210	
	05/13/86	12:16	10,152	2,081,140	56,110,800	692,300	
	05/27/86	13:14	20,218	2,081,140	57,116,500	1,005,700	
	06/03/86	12:34	10,040	2,081,140	57,811,300	694,800	
	06/10/86	12:33	10,079	2,081,140	58,088,100	276,800	BROKEN PIPE
	06/17/86	12:34	10,081	2,081,140	58,094,400	6,300	
	06/23/86	12:33	8,639	2,081,140	58,164,900	70,500	METERS NOT REGISTER
	07/01/86	12:32	11,519	2,081,140	58,164,900	0	
0	09/24/85	12:35		50,500	25,004,200		
	10/06/85	10:11	17,136	50,500	25,030,500	26,300	NOT RUNNING
	10/22/85	8:56	22,925	50,500	25,824,700	794,200	
	10/29/85	10:08	10,252	135,540	26,857,100	1,117,440	
	11/05/85	10:19	10,091	258,680	27,837,100	1,103,140	
	11/19/85	10:54	20,195	418,400	29,169,000	1,491,620	
	11/26/85	9:46	10,012	541,260	30,153,200	1,107,060	
	12/12/85	13:32	23,266	739,540	31,121,400	1,166,480	
	01/21/86	9:36	57,364	1,228,050	35,705,900	5,073,010	
	01/30/86	10:08	10,112	1,350,130	36,700,400	1,116,580	
	02/06/86	9:46	10,058	1,350,130	36,700,400	0	
	02/14/86	9:38	11,512	1,351,190	36,710,200	10,860	
	02/20/86	13:20	8,862	1,351,190	36,710,200	0	NOT WORKING, DRY?
	02/27/86	9:11	9,831	1,351,190	36,710,200	0	DRY
	03/11/86	13:12	17,521	1,351,840	36,720,400	10,850	
	03/14/86	10:37	4,165	1,352,370	36,729,500	9,630	ON LINE
	03/18/86	11:08	5,791	1,352,370	36,729,500	0	
	03/25/86	12:48	10,180	1,352,370	36,729,500	0	WIRE DISCONNECTED
	04/01/86	11:49	10,021	1,352,370	36,729,500	0	
	04/08/86	12:38	10,129	1,352,370	36,729,500	0	PUMP TO BE PULLED
	04/15/86	10:38	9,960	1,352,370	36,729,500	0	TO BE PULLED
	04/22/86	12:38	10,200	1,352,370	36,729,500	0	PUMP DISCONNECTED
	04/29/86	11:08	9,930	1,352,370	36,729,500	0	NOT OPERATING
	05/06/86	11:08	10,080	1,352,370	36,729,500	0	DISCONNECTED

## NORTHWEST BOUNDARY DEWATERING WELLS

LL O.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
0	05/13/86	12:18	10,150	1,352,370	36,729,500	0	NOT OPERATING
	05/27/86	13:15	20,217	1,352,940	36,835,000	106,070	
	06/03/86	12:39	10,044	1,352,940	36,835,000	0	
	06/10/86	12:35	10,076	1,352,940	37,995,600	1,160,600	
	06/17/86	12:39	10,084	1,352,940	39,535,400	1,539,800	
	06/23/86	12:35	8,636	1,352,940	41,139,200	1,603,800	TENS NOT REGISTERING
	07/01/86	12:36	11,521	1,352,940	41,627,200	488,000	
1	09/24/85	12:40		27,650			LEAKAGE FLOW
	10/06/85	10:13	17,133	27,850		200	NOT RUNNING
	10/22/85	9:00	22,967	28,640		790	ON RED
	10/29/85	10:12	10,212	29,790		1,150	
	11/05/85	10:24	10,092	30,840		1,050	
	11/19/85	11:00	20,196	32,370		1,530	NOT PUMPING
	11/26/85	9:53	9,973	33,390		1,020	ON RED
	12/12/85	13:34	23,261	35,860		2,470	LOW WATER
	01/21/86	9:40	57,366	38,000		2,140	
	01/31/86	9:20	10,060	38,060		60	
	02/06/86	9:50	8,670	38,070		10	ESTIMATED
	02/14/86	9:42	11,512	38,070		0	
	02/20/86	13:22	8,860	38,070		0	
	02/27/86	9:15	9,833	38,070		0	
	03/11/86	13:17	17,522	38,070		0	OFF
	03/14/86	10:42	4,165	38,070		0	OFF POS./NOT PUMPING
	03/18/86	11:13	5,791	38,070		0	
	03/25/86	12:50	10,177	38,070		0	WIRE DISCONNECTED
	04/01/86	11:54	10,024	38,070		0	
	04/08/86	12:42	10,128	38,070		0	PUMP TO BE PULLED
	04/15/86	10:40	9,958	38,070		0	TO BE PULLED
	04/22/86	12:42	10,202	38,070		0	PUMP DISCONNECTED
	04/29/86	11:12	9,930	38,070		0	NOT OPERATING
	05/06/86	11:12	10,080	38,070		0	DISCONNECTED
	05/13/86	12:20	10,148	38,070		0	NOT OPERATING
	05/27/86	13:17	20,217	38,070		0	NOT OPERATING
	06/03/86	12:43	10,046	38,070		0	
	06/10/86	12:37	10,074	38,070		0	NOT OPERATING
	06/17/86	12:43	10,086	38,100		30	
	06/23/86	12:37	8,634	38,100		0	WILL NOT RESET
	07/01/86	12:38	11,521	38,150		50	
2	09/24/85	12:45		4,597,270			
	10/06/85	10:15	17,130	4,663,740		66,470	NOT RUNNING
	10/22/85	9:04	22,969	4,955,950		292,210	
	10/29/85	10:17	10,213	5,352,610		396,660	
	11/05/85	10:28	10,091	5,711,020		358,410	
	11/19/85	11:06	20,198	6,307,520		596,500	
	11/26/85	10:00	10,014	6,620,050		312,530	
	12/12/85	13:36	23,256	7,252,630		632,580	
	01/21/86	9:44	57,368	8,438,760		1,186,130	
	01/31/86	9:24	10,060	8,787,340		348,580	
	02/06/86	9:55	8,671	8,895,750		108,410	
	02/14/86	9:46	11,511	9,020,480		124,730	

## NORTHWEST BOUNDARY DEWATERING WELLS

WELL NO.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
2	02/20/86	13:24	8,858	9,229,390		208,910	
	02/27/86	9:19	9,835	9,426,710		197,320	
	03/11/86	13:23	17,524	9,673,800		247,090	
	03/14/86	10:48	4,165	9,801,950		128,150	
	03/18/86	11:17	5,789	9,807,520		5,570	
	03/25/86	12:52	10,175	4,110		196,590	
	04/01/86	11:59	10,027	79,410		75,300	
	04/08/86	12:46	10,127	128,940		49,530	NOT PUMPING
	04/15/86	10:42	9,956	300,700		171,760	
	04/22/86	12:46	10,204	405,060		104,360	
	04/29/86	11:16	9,930	568,010		162,950	READING ESTIMATED
	05/06/86	11:16	10,080	833,410		265,400	
	05/13/86	12:22	10,146	1,037,860		204,450	
	05/27/86	13:19	20,217	1,300,250		262,390	
	06/03/86	12:47	10,048	1,495,800		195,550	
	06/10/86	12:39	10,072	1,739,340		243,540	
	06/17/86	12:47	10,088	1,961,180		221,840	
	06/23/86	12:39	8,632	2,158,270		197,090	
	07/01/86	12:41	11,522	2,364,650		206,380	
3	09/24/85	12:50		5,979,700			
	10/06/85	10:19	17,129	5,979,700		0	NOT RUNNING
	10/22/85	9:09	22,970	5,979,700		0	
	10/29/85	10:22	10,213	5,979,700		0	
	11/05/85	10:32	10,090	5,979,700		0	METER NOT WORKING
	11/19/85	11:12	20,200	5,979,700		0	
	11/26/85	10:10	10,018	5,979,700		0	
	12/12/85	13:38	23,248	5,979,700		0	OFF / BAD PUMP
	01/21/86	9:48	57,370	5,979,740		40	
	01/31/86	9:28	10,060	5,979,920		180	
	02/06/86	9:58	8,670	5,979,920		0	
	02/14/86	9:51	11,513	5,979,920		0	
	02/20/86	13:27	8,856	5,980,020		100	
	02/27/86	9:23	9,836	5,980,060		40	
	03/11/86	13:27	17,524	5,980,070		10	
	03/14/86	10:52	4,165	5,980,070		0	ON GREEN/NOT PUMPING
	03/18/86	11:21	5,789	5,980,070		0	
	03/25/86	12:54	10,173	5,980,070		0	
	04/01/86	12:05	10,031	5,980,070		0	
	04/08/86	12:50	10,125	5,980,070		0	NOT PUMPING
	04/15/86	10:44	9,954	5,980,070		0	WON'T RESET
	04/22/86	12:50	10,206	5,980,070		0	NOT OPERATIVE
	04/29/86	11:21	9,931	5,980,070		0	NOT OPERATING
	05/06/86	11:21	10,080	5,980,070		0	DISCONNECTED
	05/13/86	12:24	10,143	5,980,070		0	NOT OPERATING
	05/27/86	13:20	20,216	5,807,690		172,380	BACKWARD MTR/GAL EST
	06/03/86	12:52	10,052	5,777,340		30,350	BACKWARD MTR/GAL EST
	06/10/86	12:41	10,069	5,749,850		27,490	BACKWARD MTR/GAL EST
	06/17/86	12:52	10,091	5,749,920		70	
	06/23/86	12:41	8,629	5,749,920		0	
	07/01/86	12:44	11,523	5,749,920		0	
4	09/24/85	12:55		3,349,070			LEAKAGE FLOW

## NORTHWEST BOUNDARY DEWATERING WELLS

LL D.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
4	10/06/85	10:22	17,127	3,506,400		157,330	NOT RUNNING
	10/22/85	9:13	22,971	3,816,000		309,600	
	10/29/85	10:26	10,213	4,101,580		285,580	
	11/05/85	10:37	10,091	4,149,510		47,930	
	11/19/85	11:20	20,203	4,651,970		502,460	
	11/26/85	10:20	10,020	4,651,980		10	DN RED
	12/12/85	13:40	23,240	4,974,280		322,300	LOW WATER
	01/21/86	9:52	57,372	5,741,270		766,990	
	01/31/86	9:32	10,060	6,089,350		348,080	
	02/06/86	10:03	8,671	6,225,100		135,750	
	02/14/86	9:55	11,472	6,229,050		3,950	
	02/20/86	13:29	8,854	6,458,290		229,240	
	02/27/86	9:27	9,838	6,668,220		209,930	
	03/11/86	13:31	17,524	6,701,500		33,280	
	03/14/86	10:56	4,165	6,701,530		30	
	03/18/86	11:26	5,790	6,701,530		0	
	03/25/86	12:56	10,170	6,701,530		0	
	04/01/86	12:10	10,034	6,701,530		0	
	04/08/86	12:55	10,125	6,701,540		10	NOT PUMPING
	04/15/86	10:46	9,951	6,900,200		198,660	
	04/22/86	12:55	10,209	6,980,660		80,460	NOT PUMPING\LOW WAT
	04/29/86	11:25	9,930	7,128,360		147,700	
	05/06/86	11:25	10,080	7,344,320		215,960	
	05/13/86	12:26	10,141	7,367,510		23,190	
	05/27/86	13:22	20,216	7,430,030		62,520	
	06/03/86	12:56	10,054	7,430,110		80	
	06/10/86	12:43	10,067	7,430,120		10	
	06/17/86	12:56	10,093	7,430,120		0	
	06/23/86	12:43	8,627	7,430,180		60	
	07/01/86	12:47	11,524	7,430,180		0	
5	09/24/85	13:00		830,190			
	10/06/85	10:25	17,125	1,083,000		252,810	NOT RUNNING
	10/22/85	9:18	22,973	1,368,420		285,420	
	10/29/85	10:30	10,212	1,719,870		351,450	
	11/05/85	10:40	10,090	2,074,430		354,560	
	11/19/85	11:30	20,210	2,633,660		559,230	
	11/26/85	10:30	10,020	2,964,470		330,810	
	12/12/85	13:44	23,234	3,579,050		614,580	
	01/21/86	10:00	57,376	4,714,550		1,135,500	
	01/31/86	9:37	10,057	5,065,430		350,880	
	02/06/86	10:05	8,668	5,174,040		108,610	
	02/14/86	10:00	11,515	5,571,020		396,980	
	02/20/86	13:31	8,851	5,837,000		265,980	
	02/27/86	9:31	9,840	6,166,990		329,990	
	03/11/86	13:35	17,524	6,464,330		297,340	
	03/14/86	11:00	4,165	6,647,010		182,680	
	03/18/86	11:30	5,790	6,837,830		190,820	
	03/25/86	12:58	10,168	7,173,030		335,200	
	04/01/86	12:15	10,037	7,503,960		330,930	
	04/08/86	13:00	10,125	7,571,400		67,440	NOT PUMPING
	04/15/86	10:50	9,910	7,776,190		204,790	

## NORTHWEST BOUNDARY DEWATERING WELLS

WELL ID.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
5	04/22/86	13:00	10,250	8,102,800		326,610	
	04/29/86	11:30	9,930	8,424,970		322,170	
	05/06/86	11:30	10,080	8,705,200		280,230	
	05/13/86	12:28	10,138	8,995,480		290,280	
	05/27/86	13:23	20,215	9,544,300		548,820	
	06/03/86	13:00	10,057	9,883,240		338,940	
	06/10/86	12:45	10,025	220,390		337,150	
	06/17/86	13:00	10,135	543,670		323,280	
	06/23/86	12:45	8,585	876,520		332,850	
	07/01/86	12:50	11,525	1,206,130		329,610	

RECHARGE WELL METER READINGS



## NORTHWEST BOUNDARY RECHARGE WELLS

WELL NO.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
1	09/24/85	10:15		2,552,370	25,933,800		
	10/22/85	9:30	40,275	2,688,720	26,801,800	1,004,350	
	10/29/85	11:05	10,235	2,803,960	27,644,900	958,340	
	11/05/85	12:20	10,155	2,918,060	28,463,500	932,700	
	11/19/85	12:00	20,140	3,019,420	29,119,700	757,560	
	11/26/85	12:00	10,080	3,130,580	29,787,300	778,760	
	12/13/85	12:00	24,480	3,149,240	29,898,900	130,260	
	01/21/86	12:00	56,160	3,214,070	30,247,800	413,730	
	02/06/86	10:30	22,950	3,244,700	30,405,200	188,030	
	02/14/86	10:00	11,490	3,256,480	30,455,700	62,280	
	02/20/86	13:34	8,854	3,268,520	30,485,900	42,240	
	02/27/86	9:40	9,846	3,316,450	30,590,900	152,930	ALL TIMES ESTIMATED
	03/11/86	14:00	17,580	3,333,410	30,616,900	42,960	
	03/14/86	12:05	4,205	3,336,040	30,617,300	3,030	
	03/18/86	11:30	5,725	3,336,830	30,617,300	790	
	03/25/86	13:00	10,170	3,360,990	30,656,800	63,660	ALL TIMES ESTIMATED
	04/01/86	13:15	10,095	3,361,250	30,656,900	360	
	04/08/86	13:45	10,110	3,361,250	30,738,800	81,900	
	04/15/86	11:00	9,915	3,361,250	30,738,800	0	
	04/22/86	13:00	10,200	3,361,250	31,355,000	616,200	
	04/29/86	12:15	9,975	3,369,880	32,012,800	666,430	
	05/06/86	12:15	10,080	3,469,520	32,528,100	614,940	ALL TIMES ESTIMATED
	05/13/86	13:00	10,125	3,562,840	32,883,000	448,220	ALL TIMES ESTIMATED
	05/27/86	13:25	20,185	3,582,340	32,969,600	106,100	ALL TIMES ESTIMATED
	06/03/86	13:03	10,058	3,640,140	33,248,400	336,600	ALL TIMES ESTIMATED
	06/10/86	12:45	10,022	3,739,270	33,846,500	697,230	ALL TIMES ESTIMATED
	06/17/86	13:03	10,138	3,848,570	34,530,000	792,800	ALL TIMES ESTIMATED
	06/23/86	12:48	8,585	3,951,730	35,161,000	734,160	ALL TIMES ESTIMATED
	07/01/86	12:57	11,529	3,996,590	35,413,400	297,260	
2	09/24/85	10:20		322,460	19,306,600		
	10/22/85	9:35	40,275	322,460	20,210,900	904,300	
	10/29/85	11:08	10,233	322,380	21,042,000	831,100	POWER OFF
	11/05/85	12:25	10,157	322,380	21,844,600	802,600	
	11/19/85	12:03	20,138	322,380	22,708,200	863,600	
	11/26/85	12:03	10,080	322,380	23,125,500	417,300	
	12/13/85	12:04	24,481	322,380	23,407,800	282,300	
	01/21/86	12:04	56,160	322,380	24,002,900	595,100	
	02/06/86	10:35	22,951	322,380	24,393,800	390,900	
	02/14/86	10:03	11,488	322,380	24,664,300	270,500	
	02/20/86	13:36	8,853	322,380	24,923,200	258,900	
	02/27/86	9:46	9,850	322,380	25,188,200	265,000	METER NOT TURNING
	03/11/86	14:02	17,576	322,380	25,422,900	234,700	
	03/14/86	12:08	4,206	322,380	25,531,400	108,500	
	03/18/86	11:33	5,725	322,380	25,651,800	120,400	
	03/25/86	13:02	10,169	322,380	25,856,500	204,700	
	04/01/86	13:20	10,098	322,380	26,085,900	229,400	
	04/08/86	13:46	10,106	322,380	26,125,300	39,400	
	04/15/86	11:02	9,916	322,380	26,208,400	83,100	
	04/22/86	13:45	10,243	322,380	26,663,700	455,300	
	04/29/86	12:19	9,934	322,380	26,946,200	282,500	
	05/06/86	12:19	10,080	322,380	27,196,700	250,500	

## NORTHWEST BOUNDARY RECHARGE WELLS

LL D.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
2	05/13/86	13:02	10,123	322,380	27,286,800	90,100	
	05/27/86	13:27	20,185	322,380	27,546,300	259,500	
	06/03/86	13:05	10,058	322,380	27,794,300	248,000	
	06/10/86	12:48	10,023	322,380	28,260,900	466,600	
	06/17/86	13:05	10,137	322,380	28,792,100	531,200	
	06/23/86	12:51	8,586	322,380	29,295,000	502,900	TENS NOT REGISTERING
	07/01/86	12:59	11,528	322,380	29,582,300	287,300	
3	09/24/85	10:25		4,060,200	9,244,400		
	10/22/85	9:38	40,273	4,095,800	9,569,200	360,400	
	10/29/85	11:12	10,234	4,095,800	9,927,900	358,700	
	11/05/85	10:29	10,037	4,095,800	10,274,600	346,700	
	11/19/85	12:06	20,257	4,095,800	10,685,700	411,100	
	11/26/85	12:09	10,083	4,095,800	10,801,100	115,400	NOT PUMPING
	12/13/85	12:08	24,479	4,095,800	10,936,600	135,500	
	01/21/86	12:09	56,161	4,095,800	11,180,300	243,700	
	02/06/86	10:41	22,952	4,095,800	11,377,400	197,100	
	02/14/86	10:06	11,485	4,095,800	11,519,500	142,100	
	02/20/86	13:38	8,852	4,095,800	11,645,300	125,800	
	02/27/86	9:52	9,854	4,095,800	11,761,000	115,700	METER NOT TURNING
	03/11/86	14:04	17,572	4,095,800	11,899,600	138,600	
	03/14/86	12:12	4,208	4,095,800	11,936,900	37,300	
	03/18/86	11:36	5,724	4,095,800	11,999,600	62,700	
	03/25/86	13:04	10,168	4,095,800	12,100,100	100,500	
	04/01/86	13:25	10,101	4,095,800	12,222,000	121,900	
	04/08/86	13:49	10,104	4,095,800	12,233,400	11,400	
	04/15/86	11:04	9,915	4,095,800	12,278,100	44,700	
	04/22/86	13:46	10,242	4,095,800	12,508,700	230,600	
	04/29/86	12:24	9,938	4,095,800	12,610,000	101,300	
	05/06/86	12:24	10,080	4,095,800	12,666,900	56,900	
	05/13/86	13:04	10,120	4,095,800	12,698,500	31,600	
	05/27/86	13:28	20,184	4,095,800	12,825,800	127,300	
	06/03/86	13:07	10,059	4,095,800	12,955,800	130,000	
	06/10/86	12:51	10,024	4,095,800	13,208,700	252,900	
	06/17/86	13:07	10,136	4,095,800	13,528,400	319,700	
	06/23/86	12:54	8,587	4,095,800	13,775,000	246,600	TENS NOT REGISTERING
	07/01/86	13:03	11,569	4,095,800	13,929,300	154,300	
4	09/24/85	10:30		279,180	25,407,300		
	10/22/85	9:42	40,272	309,740	27,989,900	2,613,160	
	10/29/85	11:17	10,235	309,740	29,496,600	1,506,700	
	11/05/85	12:33	10,156	309,740	30,986,100	1,489,500	
	11/19/85	12:09	20,136	309,740	32,958,500	1,972,400	
	11/26/85	12:14	10,085	309,740	34,113,900	1,155,400	
	12/13/85	12:12	24,478	309,760	35,538,100	1,424,220	
	01/21/86	12:13	56,161	309,820	38,159,100	2,621,060	
	02/06/86	10:46	22,953	309,820	40,125,300	1,966,200	
	02/14/86	10:09	11,483	309,820	41,105,100	979,800	
	02/20/86	13:41	8,852	309,820	42,066,000	960,900	
	02/27/86	9:58	9,857	309,820	43,120,000	1,054,000	
	03/11/86	14:06	17,568	309,820	44,199,500	1,079,500	
	03/14/86	12:16	4,210	309,820	44,679,200	479,700	

## NORTHWEST BOUNDARY RECHARGE WELLS

LL O.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
4	03/18/86	11:39	5,723	309,820	45,196,200	517,000	
	03/25/86	13:06	10,167	309,830	46,219,300	1,023,110	
	04/01/86	13:30	10,104	309,830	47,099,300	880,000	
	04/08/86	13:50	10,100	309,840	47,260,000	160,710	
	04/15/86	11:06	9,916	309,840	47,909,100	649,100	
	04/22/86	13:49	10,243	309,840	49,123,600	1,214,500	
	04/29/86	12:28	9,939	309,840	50,140,800	1,017,200	
	05/06/86	12:28	10,080	309,850	51,121,800	981,010	
	05/13/86	13:06	10,118	309,850	51,991,600	869,800	
	05/27/86	13:30	20,184	309,890	53,375,600	1,384,040	
	06/03/86	13:10	10,060	309,890	54,431,600	1,056,000	
	06/10/86	12:54	10,024	309,900	55,701,000	1,269,410	
	06/17/86	13:10	10,136	309,900	56,990,600	1,289,600	
	06/23/86	12:57	8,587	309,900	58,300,300	1,309,700	TENS NOT REGISTERING
	07/01/86	13:09	11,572	309,910	59,421,200	1,120,910	
5	09/24/85	10:35		552,540	31,467,500		
	10/22/85	9:45	40,270	795,240	32,982,400	1,757,600	
	10/29/85	11:21	10,236	900,220	33,957,200	1,079,780	
	11/05/85	12:37	10,156	1,004,570	34,928,600	1,075,750	
	11/19/85	12:12	20,135	1,184,220	36,201,700	1,452,750	
	11/26/85	12:17	10,085	1,295,110	36,944,200	853,390	
	12/13/85	12:16	24,479	1,412,320	37,439,500	612,510	
	01/21/86	12:18	56,162	1,715,460	38,573,200	1,436,840	
	02/06/86	10:52	22,954	1,831,070	39,203,100	745,510	
	02/14/86	10:12	11,480	1,908,530	39,627,300	501,660	
	02/20/86	13:43	8,851	1,983,970	40,075,400	523,540	
	02/27/86	10:04	9,861	2,067,120	40,563,500	571,250	METER NOT TURNING
	03/11/86	14:09	17,525	2,136,490	40,960,900	466,770	
	03/14/86	12:19	4,210	2,166,840	41,136,700	206,150	
	03/18/86	11:42	5,723	2,200,760	41,333,000	230,220	
	03/25/86	13:08	10,166	2,261,360	41,678,800	406,400	
	04/01/86	13:35	10,107	2,322,930	42,041,800	424,570	
	04/08/86	13:52	10,097	2,335,480	42,111,600	82,350	
	04/15/86	11:08	9,916	2,374,870	42,264,900	192,690	
	04/22/86	13:50	10,242	2,470,940	43,000,700	831,870	
	04/29/86	12:33	9,943	2,563,710	43,592,500	684,570	
	05/06/86	12:33	10,080	2,644,690	44,089,500	577,980	
	05/13/86	13:08	10,115	2,673,980	44,252,300	192,090	
	05/27/86	13:32	20,184	2,744,690	44,660,000	478,410	
	06/03/86	13:13	10,061	2,812,250	45,058,100	465,660	
	06/10/86	12:57	10,024	2,915,670	45,804,800	850,120	
	06/17/86	13:13	10,136	3,022,700	46,615,900	918,130	
	06/23/86	13:00	8,627	3,134,050	47,422,100	917,550	
	07/01/86	13:12	11,532	3,205,790	47,885,900	535,540	
6	09/24/85	10:40		4,488,230	13,863,000		
	10/22/85	9:48	40,268	4,723,910	14,107,600	480,280	
	10/29/85	11:25	10,237	4,828,190	14,362,700	359,380	
	11/05/85	12:40	10,155	4,932,370	14,602,400	343,880	
	11/19/85	12:15	20,135	5,100,600	14,856,700	422,530	
	11/26/85	12:20	10,085	5,198,230	14,994,700	235,630	

## NORTHWEST BOUNDARY RECHARGE WELLS

W.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
5	12/13/85	12:20	24,480	5,318,850	15,031,400	157,320	
	01/21/86	12:22	56,162	5,616,790	15,144,400	410,940	
	02/06/86	10:57	22,955	5,724,780	15,204,600	168,190	
	02/14/86	10:15	11,478	5,800,380	15,249,800	120,800	
	02/20/86	13:45	8,850	5,868,830	15,278,400	97,050	
	02/27/86	10:10	9,865	5,943,160	15,298,900	94,830	METER NOT TURNING
	03/11/86	14:11	17,521	6,004,600	15,327,200	89,740	
	03/14/86	12:22	4,211	6,031,730	15,344,000	43,930	
	03/18/86	11:45	5,723	6,061,780	15,361,700	47,750	
	03/25/86	13:10	10,165	6,115,000	15,388,800	80,320	
	04/01/86	13:40	10,110	6,170,640	15,424,000	90,840	
	04/08/86	13:53	10,093	6,181,540	15,426,400	13,300	
	04/15/86	11:10	9,917	6,218,470	15,441,700	52,230	
	04/22/86	13:53	10,243	6,311,300	15,561,200	212,330	
	04/29/86	12:37	9,944	6,395,890	15,589,400	112,790	
	05/06/86	12:37	10,080	6,468,440	15,610,500	93,650	
	05/13/86	13:10	10,113	6,493,320	15,613,600	27,980	
	05/27/86	13:33	20,183	6,557,710	15,640,800	91,590	
	06/03/86	13:15	10,062	6,616,830	15,660,000	78,320	
	06/10/86	13:00	10,065	6,713,070	15,746,400	182,640	
	06/17/86	13:15	10,095	6,813,630	15,850,300	204,460	
	06/23/86	13:03	8,628	6,921,270	16,050,300	307,640	
	07/01/86	13:16	11,533	7,005,250	16,189,700	223,380	
7	09/24/85	10:45		4,789,500	23,292,500		
	10/22/85	9:51	40,266	5,074,240	24,576,200	1,568,440	
	10/29/85	11:30	10,239	5,192,820	25,269,300	811,680	POWER OFF
	11/05/85	12:45	10,155	5,307,900	25,873,900	719,680	
	11/19/85	12:18	20,133	5,501,800	26,794,900	1,114,900	
	11/26/85	12:24	10,086	5,617,970	27,335,400	656,670	
	12/13/85	12:25	24,481	5,764,490	27,905,300	716,420	
	01/21/86	12:27	56,162	6,126,600	28,881,900	1,338,710	POWER OFF
	02/06/86	11:02	22,955	6,266,170	29,350,500	608,170	
	02/14/86	10:18	11,476	6,359,480	29,674,200	417,010	
	02/20/86	13:47	8,849	6,488,240	30,011,500	466,060	
	02/27/86	10:15	9,868	6,524,870	30,378,800	403,930	
	03/11/86	14:13	17,518	6,598,760	30,679,200	374,290	
	03/14/86	12:28	4,215	6,631,430	30,811,200	164,670	
	03/18/86	11:48	5,720	6,667,680	30,958,300	183,350	
	03/25/86	13:12	10,164	6,731,880	31,216,200	322,100	
	04/01/86	13:45	10,113	6,809,440	31,494,600	355,960	
	04/08/86	13:55	10,090	6,824,430	31,547,700	68,090	
	04/15/86	11:12	9,917	6,870,240	31,643,800	141,910	
	04/22/86	13:55	10,243	6,972,600	32,240,900	699,460	
	04/29/86	12:42	9,947	7,072,650	32,700,700	559,850	
	05/06/86	12:42	10,080	7,157,340	33,087,200	471,190	
	05/13/86	13:12	10,110	7,189,240	33,209,000	153,700	
	05/27/86	13:35	20,183	7,271,450	33,521,500	394,710	
	06/03/86	13:18	10,063	7,347,400	33,822,200	376,650	
	06/10/86	13:03	10,065	7,456,230	34,424,000	710,630	
	06/17/86	13:18	10,095	7,569,380	35,081,100	770,250	
	06/23/86	13:06	8,628	7,686,060	35,728,900	764,480	

## NORTHWEST BOUNDARY RECHARGE WELLS

LL D.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
7	07/01/86	13:18	11,532	7,773,840	36,083,100	441,980	
8	09/24/85	10:50		644,180	17,203,600		
	10/22/85	9:55	40,265	911,000	18,593,700	1,656,920	
	10/29/85	11:34	10,239	1,011,480	19,541,100	1,047,880	POWER OFF
	11/05/85	12:49	10,155	1,112,250	20,479,100	1,038,770	
	11/19/85	12:21	20,132	1,296,380	21,586,200	1,291,230	
	11/26/85	12:27	10,086	1,409,170	22,170,900	697,490	
	12/13/85	12:29	24,482	1,552,840	22,763,100	735,870	
	01/21/86	12:31	56,162	1,920,730	23,705,400	1,310,190	
	02/06/86	11:07	22,956	2,086,850	24,225,200	685,920	
	02/14/86	10:21	11,474	2,186,330	24,583,900	458,180	
	02/20/86	13:50	8,849	2,263,400	24,948,700	441,870	
	02/27/86	10:21	9,871	2,347,970	25,334,300	470,170	
	03/11/86	14:15	17,514	2,424,380	25,659,100	401,210	
	03/14/86	12:32	4,217	2,457,880	25,805,200	179,600	
	03/18/86	11:51	5,719	2,494,070	25,966,300	197,290	
	03/25/86	13:14	10,163	2,557,760	26,246,200	343,590	
	04/01/86	13:50	10,116	2,641,680	26,546,900	384,620	
	04/08/86	13:56	10,086	2,685,050	26,603,200	99,670	
	04/15/86	11:14	9,918	2,712,990	26,722,600	147,340	
	04/22/86	13:56	10,242	2,810,610	27,387,300	762,320	
	04/29/86	12:46	9,950	2,906,640	27,862,700	571,430	
	05/06/86	12:46	10,080	2,988,870	28,558,200	777,730	
	05/13/86	13:14	10,108	3,020,160	28,586,600	59,690	
	05/27/86	13:37	20,183	3,041,860	28,729,800	164,900	
	06/03/86	13:20	10,063	3,041,860	29,601,000	871,200	
	06/10/86	13:06	10,066	3,041,860	29,720,200	119,200	
	06/17/86	13:20	10,094	3,041,860	30,438,500	718,300	
	06/23/86	13:09	8,629	3,041,860	31,133,300	694,800	TENS NOT REGISTERING
	07/01/86	13:20	11,531	3,041,860	31,525,600	392,300	
9	09/24/85	10:55		1,445,160	99,100		
	10/22/85	9:58	40,263	1,507,160	99,100	62,000	
	10/29/85	11:38	10,240	1,542,390	99,100	35,230	
	11/05/85	12:53	10,155	1,577,150	99,100	34,760	
	11/19/85	12:24	20,131	1,623,220	99,100	46,070	
	11/26/85	12:30	10,086	1,648,640	99,100	25,420	
	12/13/85	12:33	24,483	1,677,050	99,100	28,410	
	01/21/86	12:36	56,163	1,748,120	99,100	71,070	
	02/06/86	11:13	22,957	1,775,130	99,100	27,010	
	02/14/86	10:24	11,471	1,793,790	99,100	18,660	
	02/20/86	13:52	8,848	1,809,720	99,100	15,930	
	02/27/86	10:27	9,875	1,826,970	99,100	17,250	
	03/11/86	14:18	17,511	1,841,550	99,100	14,580	
	03/14/86	12:36	4,218	1,847,990	99,200	6,540	
	03/18/86	11:54	5,718	1,855,070	99,200	7,080	
	03/25/86	13:16	10,162	1,867,660	99,200	12,590	
	04/01/86	13:55	10,119	1,881,830	99,200	14,170	
	04/08/86	13:58	10,083	1,884,590	99,200	2,760	
	04/15/86	11:16	9,918	1,893,700	99,200	9,110	
	04/22/86	13:58	10,242	1,919,270	99,200	25,570	

## NORTHWEST BOUNDARY RECHARGE WELLS

WELL ID.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
9	04/29/86	12:51	9,953	1,940,390	99,200	21,120	
	05/06/86	12:51	10,080	1,958,080	99,200	17,690	
	05/13/86	13:16	10,105	1,964,090	99,200	6,010	
	05/27/86	13:38	20,182	1,980,350	99,200	16,260	
	06/03/86	13:23	10,065	1,995,160	99,200	14,810	
	06/10/86	13:09	10,066	2,021,360	99,200	26,200	
	06/17/86	13:23	10,094	2,049,510	99,200	28,150	
	06/23/86	13:12	8,629	2,077,380	99,200	27,870	HUNS NOT REGISTERING
	07/01/86	13:24	11,532	2,126,820	99,200	49,440	
0	09/24/85	11:00		4,462,440	18,641,700		
	10/22/85	10:02	40,262	4,751,070	19,691,800	1,338,730	
	10/29/85	11:43	10,241	4,859,740	20,239,100	655,970	
	11/05/85	12:57	10,154	4,967,740	20,786,200	655,100	
	11/19/85	12:27	20,130	5,160,030	21,566,300	972,390	
	11/26/85	12:33	10,086	5,265,310	22,014,100	553,080	
	12/13/85	12:37	24,484	5,416,680	22,538,800	676,070	
	01/21/86	12:40	56,163	5,842,720	23,964,300	1,851,540	
	02/06/86	11:18	22,958	6,078,960	24,809,600	1,081,540	
	02/14/86	10:27	11,469	6,195,030	25,210,900	517,370	
	02/20/86	13:54	8,847	6,286,090	25,533,400	413,560	
	02/27/86	10:32	9,878	6,388,110	25,926,200	494,820	
	03/11/86	14:20	17,508	6,506,330	26,355,100	547,120	
	03/14/86	12:39	4,219	6,563,370	26,562,400	264,340	
	03/18/86	11:57	5,718	6,623,560	26,782,900	280,690	
	03/25/86	13:18	10,161	6,727,610	27,155,900	477,050	
	04/01/86	14:00	10,122	6,831,860	27,550,300	498,650	
	04/08/86	13:59	10,039	6,855,260	27,634,400	107,500	
	04/15/86	11:18	9,919	6,955,510	27,974,800	440,650	
	04/22/86	13:59	10,241	7,057,200	28,437,500	564,390	
	04/29/86	12:55	9,956	7,161,420	28,864,400	531,120	
	05/06/86	12:55	10,080	7,264,630	29,262,700	501,510	
	05/13/86	13:18	10,103	7,366,560	29,584,200	423,430	
	05/27/86	13:40	20,182	7,525,730	30,145,900	720,870	
	06/03/86	13:26	10,066	7,628,880	30,541,200	498,450	
	06/10/86	13:12	10,066	7,732,870	31,013,200	575,990	
	06/17/86	13:26	10,094	7,834,790	31,493,500	582,220	
	06/23/86	13:15	8,629	7,940,600	31,981,100	593,410	
	07/01/86	13:27	11,532	8,042,190	32,372,300	492,790	
1	09/24/85	11:05		4,488,140	17,135,000		
	10/22/85	10:05	40,260	4,822,100	17,642,600	841,560	
	10/29/85	11:47	10,242	4,919,580	17,914,500	369,380	POWER OFF
	11/05/85	13:02	10,195	5,036,370	18,181,000	383,290	
	11/19/85	12:30	20,128	5,234,540	18,559,100	576,270	
	11/26/85	12:37	10,087	5,338,890	18,770,700	315,950	
	12/13/85	12:41	24,484	5,544,950	19,029,800	465,160	
	01/21/86	12:45	56,164	6,004,470	19,715,100	1,144,820	
	02/06/86	11:24	22,959	6,235,630	20,055,100	571,160	
	02/14/86	10:30	11,466	6,353,620	20,250,700	313,590	
	02/20/86	13:56	8,846	6,444,950	20,404,400	245,030	
	02/27/86	10:38	9,882	6,546,830	20,572,400	269,880	

## NORTHWEST BOUNDARY RECHARGE WELLS

LL O.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
1	03/11/86	14:22	17,504	6,664,260	20,750,300	295,330	
	03/14/86	12:42	4,220	6,719,870	20,835,900	141,210	
	03/18/86	12:00	5,718	6,779,430	20,927,800	151,460	
	03/25/86	13:20	10,160	6,881,610	21,077,700	252,080	
	04/01/86	14:05	10,125	6,985,560	21,238,600	264,850	
	04/08/86	14:01	10,076	7,009,770	21,271,700	57,310	
	04/15/86	11:20	9,919	7,110,550	21,399,200	228,280	
	04/22/86	14:01	10,241	7,212,820	21,607,600	310,670	
	04/29/86	13:00	9,959	7,316,780	21,784,300	280,660	
	05/06/86	13:00	10,080	7,412,480	21,932,900	244,300	
	05/13/86	13:20	10,100	7,505,150	22,007,700	167,470	
	05/27/86	13:42	20,182	7,647,880	22,195,600	330,630	
	06/03/86	13:28	10,066	7,748,430	22,302,300	207,250	
	06/10/86	13:15	10,067	7,849,220	22,422,700	221,190	
	06/17/86	13:28	10,093	7,948,300	22,551,100	227,480	
	06/23/86	13:18	8,630	8,050,880	22,678,500	229,980	HUNS NOT REGISTERING
	07/01/86	13:29	11,531	8,128,750	22,722,200	121,570	
2	09/24/85	11:10		587,580	20,369,900		
	10/22/85	10:08	40,258	902,740	21,908,500	1,853,760	
	10/29/85	11:50	10,242	1,006,900	22,635,500	831,160	
	11/05/85	13:05	10,195	1,110,700	23,667,400	1,135,700	
	11/19/85	12:33	20,128	1,296,630	24,493,400	1,011,930	
	11/26/85	12:40	10,087	1,393,240	25,106,600	709,810	
	12/13/85	12:45	24,485	1,576,850	26,049,100	1,126,110	
	01/21/86	12:49	56,164	1,993,090	28,242,000	2,609,140	
	02/06/86	11:29	22,960	2,205,320	29,377,900	1,348,130	
	02/14/86	10:33	11,464	2,315,060	29,982,000	713,840	
	02/20/86	13:58	8,845	2,400,290	30,456,300	559,530	
	02/27/86	10:43	9,885	2,495,410	30,984,200	623,020	
	03/11/86	14:25	17,502	2,603,810	31,565,200	689,400	
	03/14/86	12:48	4,223	2,655,930	31,858,800	345,720	
	03/18/86	12:03	5,715	2,711,960	32,206,000	403,230	
	03/25/86	13:22	10,159	2,808,320	32,785,800	676,160	
	04/01/86	14:10	10,128	2,903,390	33,298,900	608,170	
	04/08/86	14:02	10,072	2,924,680	33,408,800	131,190	
	04/15/86	11:22	9,920	3,010,620	33,843,800	520,940	
	04/22/86	14:02	10,240	3,107,560	34,475,200	728,340	
	04/29/86	13:04	9,962	3,205,870	35,052,100	675,210	
	05/06/86	13:04	10,080	3,293,550	35,552,100	587,680	
	05/13/86	13:22	10,098	3,384,670	35,994,600	533,620	
	05/27/86	13:43	20,181	3,515,670	36,758,400	894,800	
	06/03/86	13:31	10,068	3,618,020	37,256,900	600,850	
	06/10/86	13:18	10,067	3,725,630	37,812,400	663,110	
	06/17/86	13:31	10,093	3,832,610	38,407,000	701,580	
	06/23/86	13:21	8,630	3,943,310	39,004,500	708,200	
	07/01/86	13:34	11,533	4,049,600	39,490,000	591,790	
3	09/24/85	11:15		363,860	2,035,300		NO FLOW
	10/22/85	10:12	40,257	363,379	2,035,300	0	
	10/29/85	11:54	10,242	363,140	2,035,300	0	POWER OFF
	11/05/85	13:09	10,195	363,700	2,035,300	0	

## NORTHWEST BOUNDARY RECHARGE WELLS

LL O.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
3	11/19/85	12:36	20,127	363,620	2,035,300	0	
	11/26/85	12:43	10,087	363,620	2,035,300	0	
	12/13/85	12:49	24,486	363,620	2,035,300	0	
	01/21/86	12:54	56,165	363,620	2,035,300	0	
	02/06/86	11:35	22,961	523,560	2,261,800	386,440	
	02/14/86	10:36	11,461	648,320	2,431,000	293,960	
	02/20/86	14:00	8,844	748,110	2,627,500	296,290	100'S METER EST.
	02/27/86	10:49	9,849	859,560	2,715,900	199,850	
	03/11/86	14:27	17,498	988,370	2,868,100	281,010	
	03/14/86	12:51	4,224	1,049,950	2,939,900	133,380	
	03/18/86	12:06	5,715	1,115,200	3,015,300	140,650	
	03/25/86	13:24	10,158	1,225,020	3,135,000	229,520	
	04/01/86	14:15	10,131	1,337,480	3,278,700	256,160	
	04/08/86	14:04	10,069	1,359,870	3,305,800	49,490	
	04/15/86	11:24	9,920	1,441,220	3,392,600	168,150	
	04/22/86	14:04	10,240	1,553,110	3,612,300	331,590	
	04/29/86	13:09	9,965	1,667,120	3,786,000	287,710	
	05/06/86	13:09	10,080	1,767,790	3,929,200	243,870	
	05/13/86	13:24	10,095	1,865,020	3,995,300	163,330	
	05/27/86	13:45	20,181	2,009,440	4,160,300	309,420	
	06/03/86	13:34	10,069	2,116,110	4,234,500	180,870	
	06/10/86	13:21	10,067	2,217,250	4,285,500	152,140	
	06/17/86	13:34	10,093	2,324,570	4,348,600	170,420	
	06/23/86	13:24	8,630	2,430,270	4,404,700	161,800	HUNS NOT REGISTERING
	07/01/86	13:37	11,533	2,540,990	4,571,500	277,520	
4	09/24/85	11:20		2,312,290			
	10/22/85	10:15	40,255	2,434,470		122,180	
	10/29/85	11:58	10,243	2,510,520		76,050	
	11/05/85	13:13	10,195	2,585,910		75,390	
	11/19/85	12:39	20,126	2,680,270		94,360	
	11/26/85	12:46	10,087	2,731,120		50,850	
	12/13/85	12:55	24,489	2,785,630		54,510	
	01/21/86	12:58	56,163	2,906,470		120,840	
	02/06/86	11:40	22,962	2,954,500		48,030	
	02/14/86	10:39	11,459	2,986,900		32,400	
	02/20/86	14:02	8,843	3,017,580		30,680	
	02/27/86	10:55	9,853	3,050,070		32,490	
	03/11/86	14:29	17,494	3,077,770		27,700	
	03/14/86	12:54	4,225	3,090,300		12,530	
	03/18/86	12:09	5,715	3,103,980		13,680	
	03/25/86	13:26	10,157	3,128,050		24,070	
	04/01/86	14:20	10,134	3,153,670		25,620	
	04/08/86	14:05	10,065	3,158,620		4,950	
	04/15/86	11:26	9,921	3,173,470		14,850	
	04/22/86	14:05	10,239	3,255,620		82,150	
	04/29/86	13:13	9,968	3,264,270		8,650	
	05/06/86	13:13	10,080	3,297,980		33,710	
	05/13/86	13:26	10,093	3,309,210		11,230	
	05/27/86	13:47	20,181	3,339,880		30,670	
	06/03/86	13:36	10,069	3,379,280		39,400	
	06/10/86	13:24	10,068	3,470,350		91,070	



## NORTHWEST BOUNDARY RECHARGE WELLS

WELL NO.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
4	06/17/86	13:36	10,092	3,569,130		98,780	
	06/23/86	13:27	8,631	3,665,580		96,450	
	07/01/86	13:40	11,533	3,720,640		55,060	
5	09/24/85	11:25		2,434,240			
	10/22/85	10:18	40,253	2,479,440		45,200	
	10/29/85	12:03	10,245	2,511,400		31,960	POWER OFF
	11/05/85	13:18	10,155	2,543,480		32,080	
	11/19/85	12:42	20,124	2,579,220		35,740	
	11/26/85	12:50	10,088	2,596,490		17,270	
	12/13/85	12:59	24,489	2,613,890		17,400	
	01/21/86	13:03	56,204	2,645,720		31,830	
	02/06/86	11:46	22,923	2,661,720		16,000	
	02/14/86	10:42	11,456	2,672,600		10,880	
	02/20/86	14:05	8,843	2,683,160		10,560	
	02/27/86	11:00	9,895	2,694,360		11,200	METER NOT TURNING
	03/11/86	14:32	17,492	2,703,780		9,420	
	03/14/86	12:58	4,226	2,707,970		4,190	
	03/18/86	12:12	5,714	2,712,520		4,550	
	03/25/86	13:28	10,156	2,720,510		7,990	
	04/01/86	14:25	10,137	2,729,100		8,590	
	04/08/86	14:07	10,062	2,730,740		1,640	
	04/15/86	11:28	9,921	2,734,410		3,670	
	04/22/86	14:07	10,239	2,754,630		20,220	
	04/29/86	13:18	9,971	2,769,110		14,480	
	05/06/86	13:18	10,080	2,769,180		70	
	05/13/86	13:28	10,090	2,769,180		0	
	05/27/86	13:48	20,180	2,774,410		5,230	
	06/03/86	13:39	10,071	2,775,240		830	
	06/10/86	13:27	10,068	2,775,240		0	
	06/17/86	13:39	10,092	2,775,260		20	
	06/23/86	13:30	8,631	2,775,260		0	TENS NOT REGISTERING
	07/01/86	13:45	11,535	2,778,580		3,320	
6	09/24/85	11:30		3,872,040			
	10/22/85	10:21	40,251	3,987,960		115,920	
	10/29/85	12:07	10,246	4,106,950		118,990	
	11/05/85	13:22	10,155	4,232,300		125,350	
	11/19/85	12:45	20,123	4,372,130		139,830	
	11/26/85	12:53	10,088	4,463,990		91,860	
	12/13/85	13:03	24,530	4,539,010		75,020	
	01/21/86	13:07	56,164	4,650,290		111,280	
	02/06/86	11:51	22,924	4,710,580		60,290	
	02/14/86	10:45	11,454	4,755,880		45,300	
	02/20/86	14:07	8,842	4,799,030		43,150	
	02/27/86	11:06	9,899	4,842,800		43,770	
	03/11/86	14:34	17,488	4,875,120		32,320	
	03/14/86	13:01	4,227	4,891,050		15,930	
	03/18/86	12:15	5,714	4,907,920		16,870	
	03/25/86	13:30	10,155	4,933,210		25,290	
	04/01/86	14:30	10,140	4,970,330		37,120	
	04/08/86	14:08	10,058	4,976,420		6,090	

## NORTHWEST BOUNDARY RECHARGE WELLS

WELL NO.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
6	04/15/86	11:30	9,922	4,989,620		13,200	
	04/22/86	14:08	10,238	5,084,430		94,810	
	04/29/86	13:22	9,974	5,150,060		65,630	
	05/06/86	13:22	10,080	5,198,120		48,060	
	05/13/86	13:30	10,088	5,205,750		7,630	
	05/27/86	13:50	20,180	5,298,520		92,770	
	06/03/86	13:42	10,072	5,390,250		91,730	
	06/10/86	13:30	10,068	5,582,080		191,830	
	06/17/86	13:42	10,092	5,792,320		210,240	
	06/23/86	13:33	8,631	5,998,200		205,880	
	07/01/86	13:49	11,536	6,110,560		112,360	
7	09/24/85	11:35		2,735,150			
	10/22/85	10:25	40,250	2,853,110		117,960	
	10/29/85	12:10	10,245	2,945,400		92,290	NO POWER
	11/05/85	13:25	10,155	3,036,950		91,550	
	11/19/85	12:48	20,123	3,150,330		113,380	
	11/26/85	12:57	10,089	3,228,120		77,790	
	12/13/85	13:07	24,530	3,246,550		18,430	
	01/21/86	13:12	56,165	3,257,740		11,190	
	02/06/86	11:57	22,925	3,262,300		4,560	ESTIMATED
	02/14/86	10:48	11,451	3,275,040		12,740	
	02/20/86	14:09	8,841	3,281,800		6,760	
	02/27/86	11:12	9,903	3,289,440		7,640	METER NOT TURNING
	03/11/86	14:36	17,484	3,299,030		9,590	
	03/14/86	13:05	4,229	3,303,890		4,860	
	03/18/86	12:18	5,713	3,308,390		4,500	
	03/25/86	13:32	10,154	3,318,040		9,650	
	04/01/86	14:35	10,143	3,325,500		7,460	
	04/08/86	14:10	10,055	3,327,040		1,540	
	04/15/86	11:32	9,922	3,329,660		2,620	
	04/22/86	14:10	10,238	3,396,540		66,880	
	04/29/86	13:27	9,977	3,430,550		34,010	
	05/06/86	13:27	10,080	3,457,490		26,940	BAD READING/METR EST
	05/13/86	13:32	10,085	3,462,140		4,650	
	05/27/86	13:52	20,180	3,470,420		8,280	
	06/03/86	13:45	10,073	3,476,920		6,500	
	06/10/86	13:33	10,068	3,538,360		61,440	
	06/17/86	13:45	10,092	3,618,670		80,310	
	06/23/86	13:36	8,631	3,693,640		74,970	
	07/01/86	13:52	11,536	3,712,940		19,300	
8	09/24/85	11:40		1,312,730			
	10/22/85	10:28	40,248	1,379,940		67,210	
	10/29/85	12:15	10,247	1,434,770		54,830	
	11/05/85	13:30	10,155	1,488,000		53,230	
	11/19/85	12:51	20,121	1,543,560		55,560	
	11/26/85	13:00	10,129	1,567,060		23,500	
	12/13/85	13:11	24,491	1,587,250		20,190	
	01/21/86	13:17	56,166	1,623,660		36,410	
	02/06/86	12:02	22,965	1,661,500		37,840	
	02/14/86	10:51	11,409	1,666,040		4,540	10'S METER ESTIMATED

## NORTHWEST BOUNDARY RECHARGE WELLS

LL D.	DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
8	02/20/86	14:11	8,880	1,673,520		7,480	
	02/27/86	11:17	9,906	1,685,280		11,760	
	03/11/86	14:39	17,482	1,698,560		13,280	
	03/14/86	13:09	4,230	1,704,810		6,250	
	03/18/86	12:21	5,712	1,711,370		6,560	
	03/25/86	13:34	10,153	1,722,900		11,530	
	04/01/86	14:40	10,146	1,735,550		12,650	
	04/08/86	14:11	10,051	1,737,410		1,860	
	04/15/86	11:34	9,923	1,742,160		4,750	
	04/22/86	14:11	10,237	1,769,190		27,030	
	04/29/86	13:31	9,980	1,780,840		11,650	
	05/06/86	13:31	10,080	1,793,200		12,360	
	05/13/86	13:34	10,083	1,797,800		4,600	
	05/27/86	13:53	20,179	1,812,080		14,280	
	06/03/86	13:48	10,075	1,824,700		12,620	
	06/10/86	13:36	10,068	1,848,190		23,490	
	06/17/86	13:48	10,092	1,872,800		24,610	
	06/23/86	13:39	8,631	1,893,590		20,790	
	07/01/86	13:55	11,536	1,906,600		13,010	
9	09/24/85	11:45			3,396,700		
	10/22/85	10:32	40,247		3,522,500	125,800	
	10/29/85	12:19	10,247		3,641,200	118,700	
	11/05/85	13:35	10,156		3,759,200	118,000	
	11/19/85	12:54	20,119		3,897,000	137,800	
	11/26/85	13:05	10,131		3,998,600	101,600	
	12/13/85	13:15	24,490		4,017,300	18,700	
	01/21/86	13:21	56,166		4,119,300	102,000	
	02/06/86	12:08	22,967		4,124,200	4,900	
	02/14/86	10:54	11,406		4,126,500	2,300	
	02/20/86	14:13	8,879		4,126,900	400	
	02/27/86	11:23	9,910		4,127,400	500	METER NOT TURNING
	03/11/86	14:41	17,478		4,128,500	1,100	
	03/14/86	13:13	4,232		4,129,400	900	
	03/18/86	12:24	5,711		4,129,900	500	
	03/25/86	13:36	10,152		4,131,200	1,300	
	04/01/86	14:45	10,149		4,133,300	2,100	
	04/08/86	14:13	10,048		4,133,800	500	
	04/15/86	11:36	9,923		4,158,300	24,500	
	04/22/86	14:13	10,237		4,244,400	86,100	
	04/29/86	13:36	9,983		4,285,300	40,900	
	05/06/86	13:36	10,080		4,313,200	27,900	
	05/13/86	13:36	10,080		4,314,800	1,600	
	05/27/86	13:55	20,179		4,318,400	3,600	
	06/03/86	13:51	10,076		4,320,500	2,100	
	06/10/86	13:39	10,068		4,400,700	80,200	
	06/17/86	13:51	10,092		4,505,300	104,600	
	06/23/86	13:42	8,631		4,603,100	97,800	
	07/01/86	13:59	11,537		4,626,400	23,300	
0	09/24/85	11:50		4,055,780			
	10/22/85	10:35	40,245	4,396,970		341,190	

DATE	TIME	TOTAL MINUTES	TENS METER	HUNDREDS METER	TOTAL GALLONS	NOTES
10/29/85	12:24	10,249	4,615,380		218,410	
11/05/85	13:40	10,156	4,825,350		209,970	
11/19/85	12:57	20,117	5,115,900		290,550	
11/26/85	13:10	10,133	5,266,560		150,660	
12/13/85	13:20	24,490	5,422,540		155,980	
01/21/86	13:25	56,165	5,712,770		290,230	
02/06/86	12:14	22,969	5,871,320		158,550	
02/14/86	10:57	11,403	5,978,520		107,200	
02/20/86	14:14	8,877	6,091,990		113,470	
02/27/86	11:27	9,913	6,212,260		120,270	
03/11/86	14:43	17,476	6,311,840		99,580	
03/14/86	13:17	4,234	6,356,810		44,970	
03/18/86	12:27	5,710	6,406,070		49,260	
03/25/86	13:38	10,151	6,491,250		85,180	
04/01/86	14:50	10,152	6,584,360		93,110	
04/08/86	14:14	10,044	6,602,340		17,980	
04/15/86	11:38	9,924	6,638,640		36,300	
04/22/86	14:14	10,236	6,818,580		179,940	
04/29/86	13:40	9,986	6,956,570		137,990	
05/06/86	13:40	10,080	7,073,730		117,160	
05/13/86	13:38	10,078	7,113,050		39,320	
05/27/86	13:57	20,179	7,218,170		105,120	
06/03/86	13:55	10,078	7,319,090		100,920	
06/10/86	13:42	10,067	7,500,020		180,930	
06/17/86	13:55	10,093	7,691,150		191,130	
06/23/86	13:45	8,630	7,879,240		188,090	
07/01/86	14:02	11,577	7,991,340		112,100	
21 09/24/85	11:55		2,696,670		85,520	
10/22/85	10:40	40,245	2,782,190		105,740	
10/29/85	12:30	10,250	2,887,930		105,150	
11/05/85	13:45	10,155	2,993,080		100,200	
11/19/85	13:00	20,115	3,093,280		54,600	
11/26/85	13:15	10,095	3,147,880		10,020	
12/13/85	13:25	24,490	3,157,900		10,070	
01/21/86	13:30	56,165	3,167,970		1,930	
02/06/86	12:20	22,970	3,169,900		490	
02/14/86	11:00	11,440	3,170,390		210	
02/20/86	14:15	8,835	3,170,600		280	
02/27/86	11:30	9,915	3,170,880		360	
03/11/86	14:45	17,475	3,171,240		280	
03/14/86	13:20	4,235	3,171,520		180	
03/18/86	12:30	5,710	3,171,700		310	
03/25/86	13:40	10,150	3,172,010		210	
04/01/86	14:55	10,155	3,172,220		90	
04/08/86	14:15	10,040	3,172,310		180	
04/15/86	11:40	9,925	3,172,490		41,280	
04/22/86	14:15	10,235	3,213,770		17,180	
04/29/86	13:45	9,990	3,230,950		13,970	
05/06/86	13:45	10,080	3,244,920		750	
05/13/86	13:40	10,075	3,245,670		950	
05/27/86	14:00	20,220	3,246,620			